

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

NOTES:

1. ALL GEOMETRY CONTROLLED BY STEP FILES.
FILE: 607.28xx PR2
2. BREAK AND DEBUR ALL EDGES.
3. SCREW LENGTH LISTED PROVIDES .5" THREAD/HELICOIL CONTACT FOR KEYED LOCKING INSERTS AND .75" THREAD/HELICOIL CONTACT FOR STANDARD THREADED INSERTS.
- 4

MATERIAL: MAGNESIUM IAW ASTM 4375, 4376, OR 4377
- 5

INSTALL AN EYEBOLT WITH SHOULDER
SUGGESTED VENDOR: MCMASTER-CARR P/N: 3014T956
MIN. SHANK LENGTH: .625"
RATED FOR LIFTING
- 6

INSTALL HARDENED STEEL WASHER .25" THICK
- 7

3/8"-16 CAP HEAD SCREW LENGTH 1.5"
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91251A628
- 8

3/8"-16 CAP HEAD SCREW LENGTH 2.25"
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91251A633
- 9

3/8"-16 CAP HEAD SCREW LENGTH 2.5"
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91251A634
- 10

3/8"-16 CAP HEAD SCREW LENGTH 3.0"
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91251A636
- 11

3/8"-16 CAP HEAD SCREW LENGTH 3.25"
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91251A637
- 12

INSTALL A 3/8"-16 THREADED INSERT
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91732A749 3/4" LENGTH
- 13

INSTALL A 3/8"-16 KEYED LOCKING INSERT
SUGGESTED VENDOR: MCMASTER-CARR P/N: 93302A140 .5" LENGTH
- 14

INSTALL A 10-32 THREADED INSERT
SUGGESTED VENDOR: MCMASTER-CARR P/N:91732A727 .57" LENGTH
- 15

3/8"-16 NYLON-INSERT LOCKING NUT
SUGGESTED VENDOR: MCMASTER-CARR P/N: 91831A127
- 16

HOLE ANGLES ARE PERPENDICULAR TO SURFACE. REFER TO STEP FILES FOR ANGLE AND LOCATION INFORMATION. ALSO REFER TO THE STEP SURFACE PROFILE INFORMATION.
- 17

INSPECT HOLE LOCATION. INSPECT HOLE DIAMETER OR HELICOIL INSTALLATION.

PROTOTYPE REVISIONS							
ZONE	REV.	DESCRIPTION	DATE	APPROVED	EFFECTIVITY	REVISED	REASON CODE
ALL	PR1	INITIAL RELEASE	03-24-20	J. GARDINER	N/A	D. FAIRFIELD	N/A
ALL	PR2	REDESIGN OF ALL FIXTURES, REORDERED BOM, UPDATED NOTES	01-22-21	T. CROSS	CURRENT ORDER	D.FAIRFIELD	MDI

		8			29	N/A	LOCKNUT		<div>15</div>
128					28	N/A	WASHER		<div>6</div>
4					27	N/A	EYEBOLT WITH SHOULDER		<div>5</div>
	8	8			26	N/A	THREADED INSERT (10-32)		<div>14</div>
22	17				25	N/A	KEYED LOCKING INSERT (3/8"-16)		<div>13</div>
		4	17	14	24	N/A	THREADED INSERT (3/8"-16)		<div>12</div>
		8		9	23	N/A	SCREW (LENGTH 3.25")		<div>11</div>
			4		22	N/A	SCREW (LENGTH 3.0")		<div>10</div>
			15		21	N/A	SCREW (LENGTH 2.5")		<div>9</div>
				4	20	N/A	SCREW (LENGTH 2.25")		<div>8</div>
		15	10	13	19	N/A	SCREW (LENGTH 1.5")		<div>7</div>
1					18	607.2828	BASE PLATE	<div>4</div>	
	1				17	607.2827	BOOKCASE ADAPTOR PLATE	<div>4</div>	
		2			16	607.2825	FLOAT BOTTLE SIDE	<div>4</div>	
		1			15	607.2824	FLOAT BOTTLE TOP PLATE	<div>4</div>	
		1			14	607.2823	FLOAT BOTTLE STAND 2	<div>4</div>	
		1			13	607.2822	FLOAT BOTTLE STAND 1	<div>4</div>	
			1		12	607.2821	AFT POD PLATE RH	<div>4</div>	
			1		11	607.2820	AFT POD RIB RH	<div>4</div>	
			1		10	607.2819	AFT POD BOTTOM STRUT	<div>4</div>	
			1		9	607.2818	AFT POD TOP STRUT	<div>4</div>	
			1		8	607.2817	AFT POD RIB LH	<div>4</div>	
			1		7	607.2816	AFT POD PLATE LH	<div>4</div>	
				1	6	607.2815	FWD POD PLATE RH	<div>4</div>	
				1	5	607.2814	FWD POD RIB RH	<div>4</div>	
				1	4	607.2813	FWD POD BOTTOM STRUT	<div>4</div>	
				1	3	607.2812	FWD POD TOP STRUT	<div>4</div>	
				1	2	607.2811	FWD POD RIB LH	<div>4</div>	
				1	1	607.2810	FWD POD PLATE LH	<div>4</div>	
X						607.2805	BASEPLATE ASSY		
	X					607.2804	BOOKCASE ADAPTOR PLATE ASSY		
		X				607.2803	FLOAT BOTTLE VIBE FIXTURE		
			X			607.2802	AFT POD VIBE FIXTURE ASSY		
				X		607.2801	FWD POD VIBE FIXTURE ASSY		
.2805	.2804	.2803	.2802	.2801	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY

NEXT ASSY (\$)

ORIGINAL DATE (MO-DA-YR) 21.01.28
DRAWN BY DF
CHECKER RT
DRAWING APPROVAL J. GARDINER 21.01.28
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

DART

AEROSPACE

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

AW189 VIBRATION FIXTURES

SIZE B

CAGE CODE 07MZ6

DWG. NO. 607.2800

REV. PR2

SCALE NONE

SHEET 1 OF 31

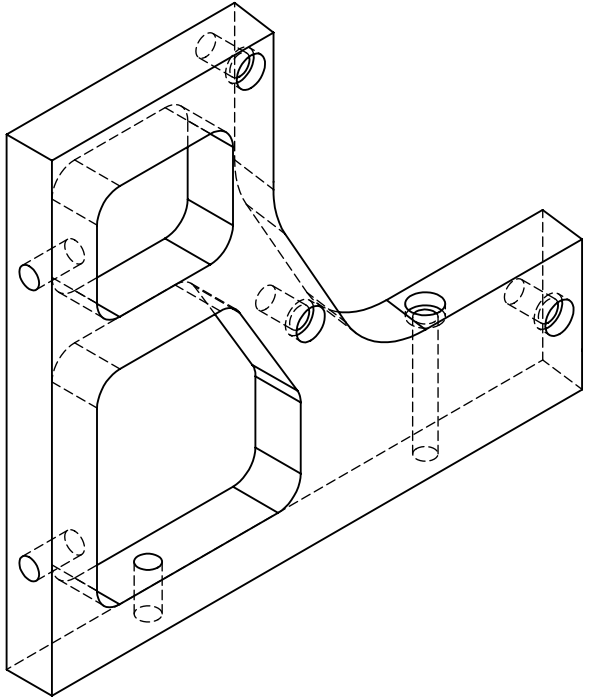
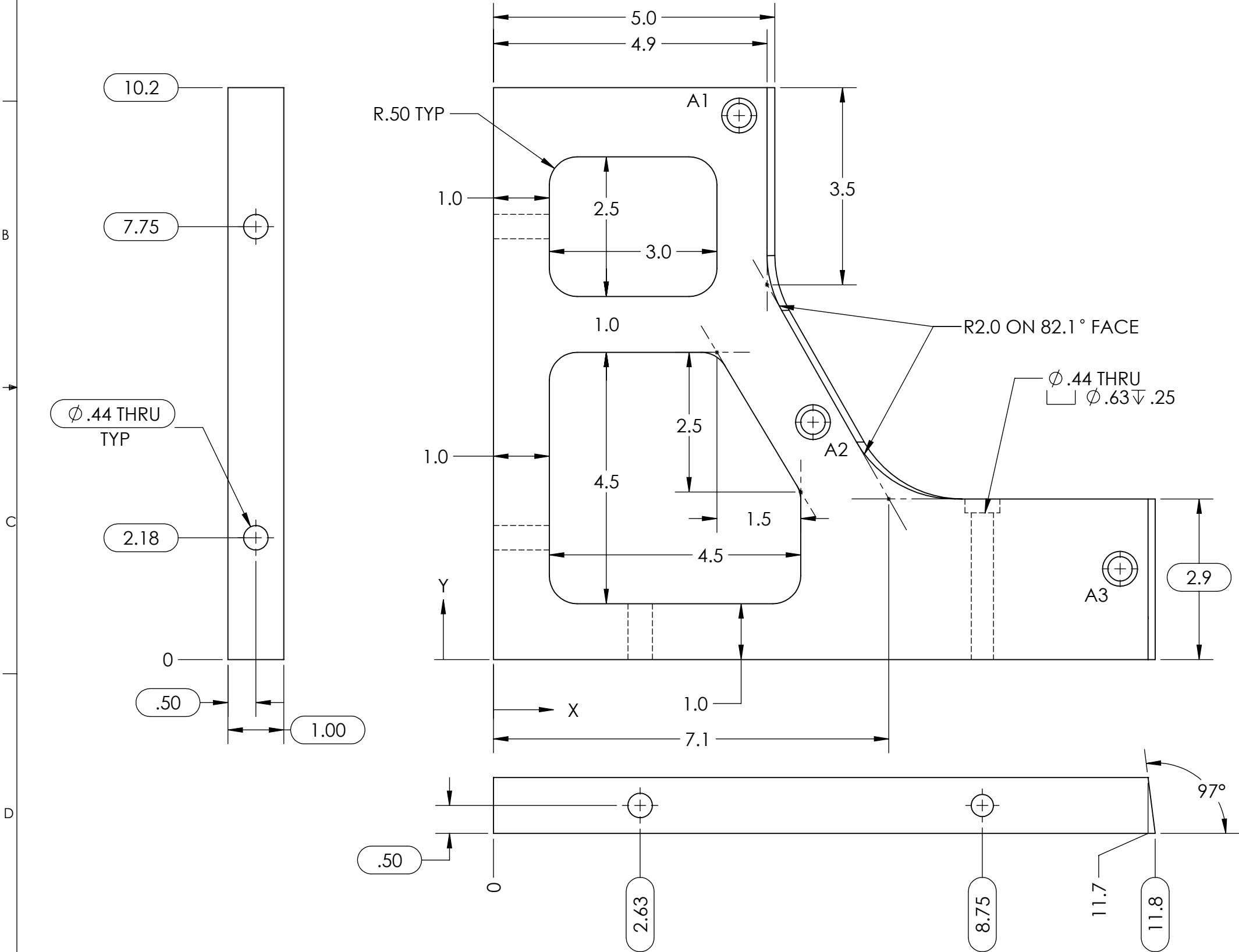
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A

B

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607.2810 FWD POD LH PLATE 1

HOLE TABLE 17

TAG	X LOC	Y LOC	SIZE
A1	4.40	9.74	Ø .44 THRU Ø .63 ↓ .25
A2	5.72	4.25	
A3	11.22	1.63	

ORIGINAL DATE (MO-DA-YR) 21.01.28
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CHECKER RT
DRAWING APPROVAL J. GARDINER 21.01.28
CONTRACT No.

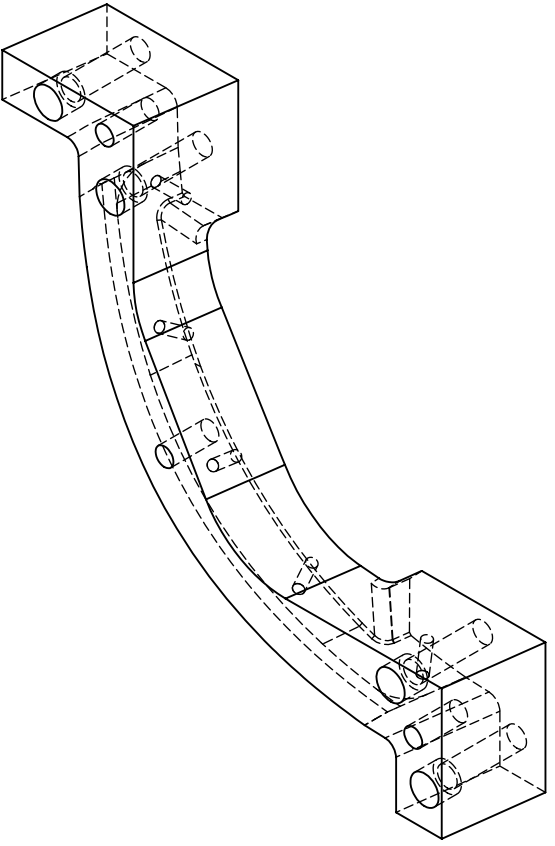
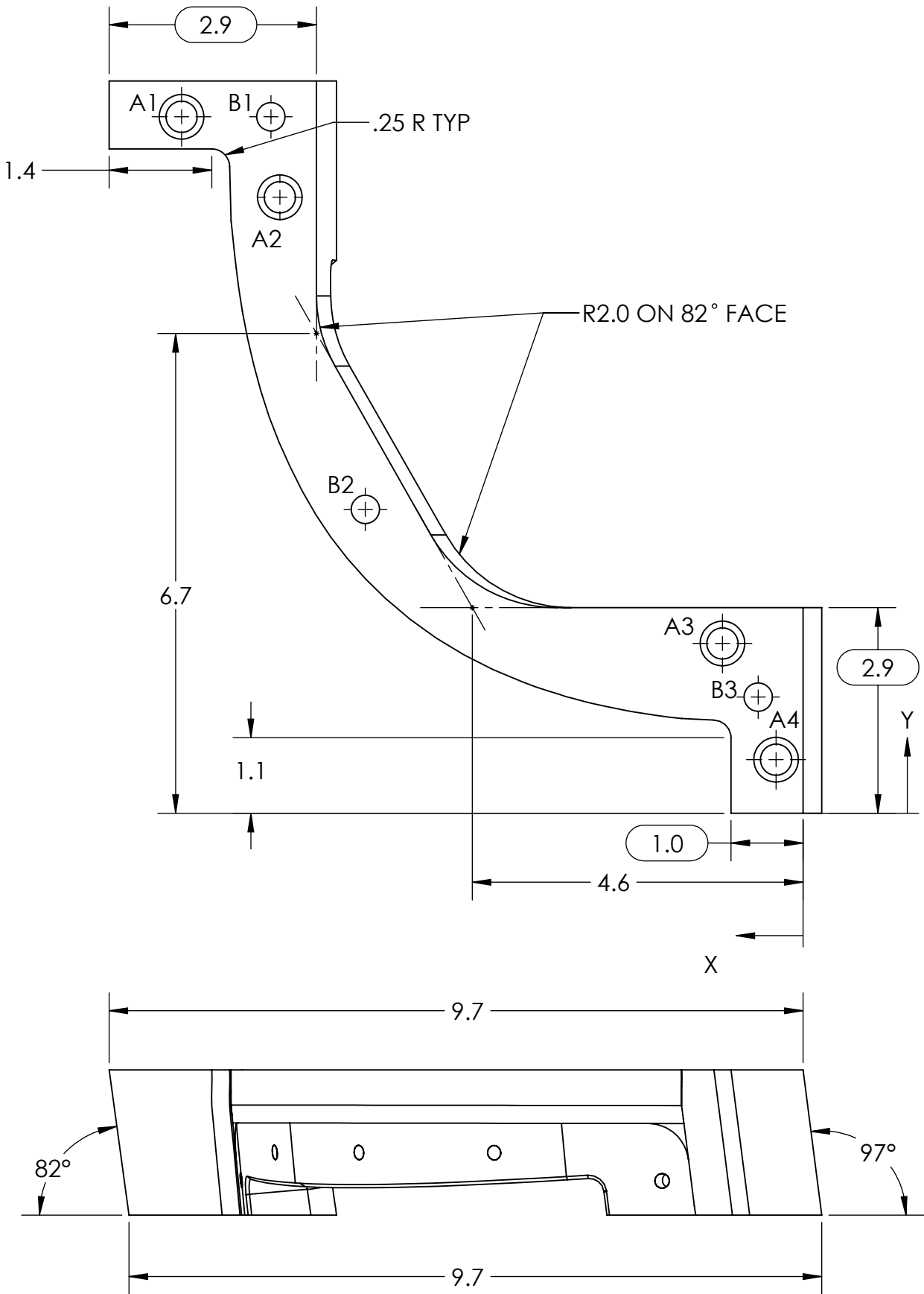
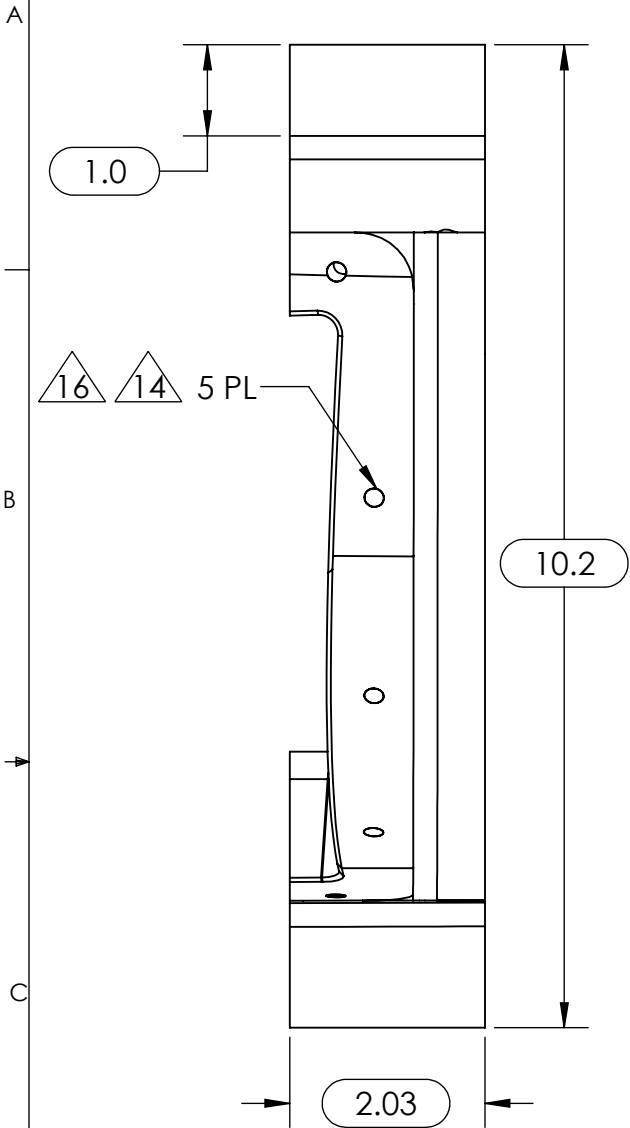
DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300

AW189 VIBRATION FIXTURES

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ± .5°

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	607.2800	PR2
SCALE NONE			SHEET 2 OF 31


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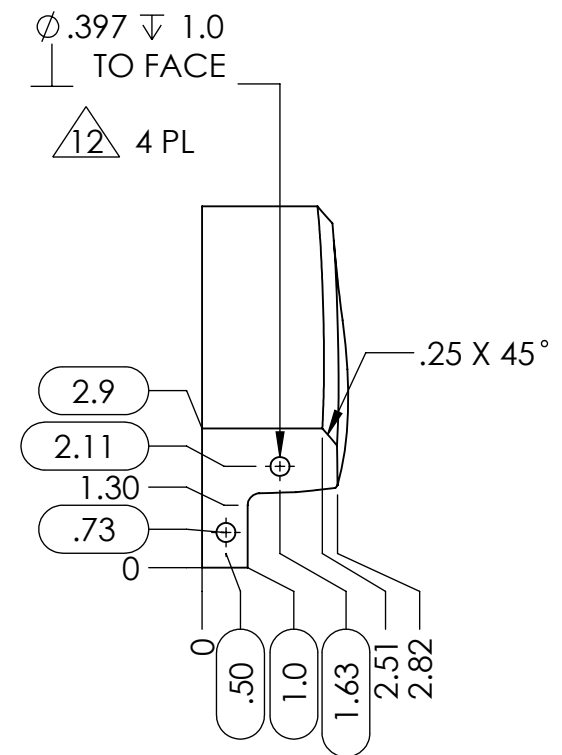
607.2811 FWD POD LH RIB 2

HOLE TABLE 17


TAG	X LOC	Y LOC	SIZE
A1	8.70	9.74	Ø .44 THRU Ø .63 ▽ .50
A2	7.32	8.61	
A3	1.13	2.38	
A4	.38	.75	
B1	7.45	9.74	Ø .40 ▽ 1.00 12
B2	6.12	4.25	
B3	.63	1.63	

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DRAWING APPROVAL J. GARDINER 21.01.28					
CONTRACT No.		AW189 VIBRATION FIXTURES			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
		SCALE NONE		SHEET 3 OF 31	

Technical drawing of a roof plan. The drawing shows a gabled roof structure with a central ridge line. The roof pitch is indicated as 33.88%. The angles of the roof slopes are 98° and 82°. A series of vertical lines represent structural elements or columns. The drawing is a top-down view of the roof, showing the layout of the roof panels and the placement of the structural supports.



3

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SCALE NONE				SHEET	4 OF 31

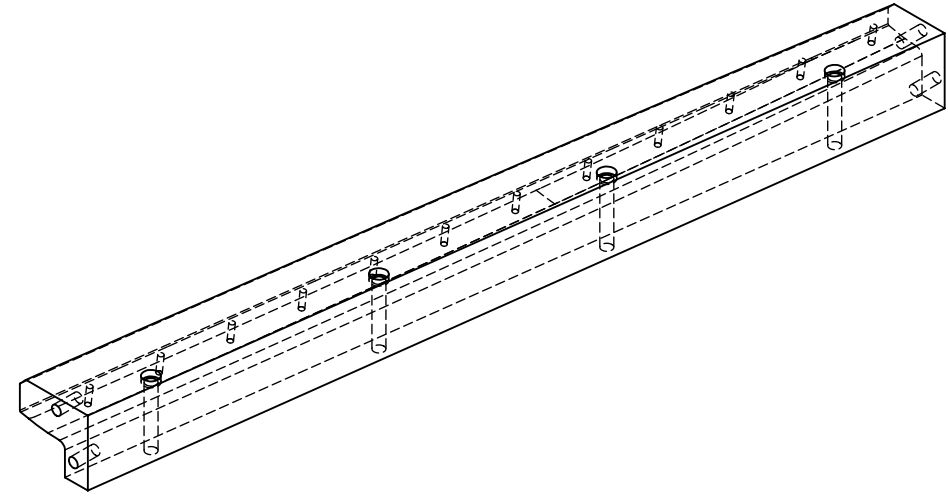
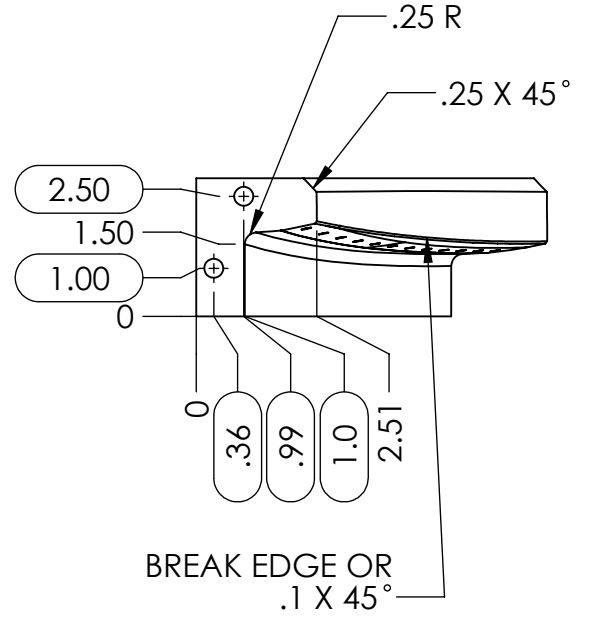
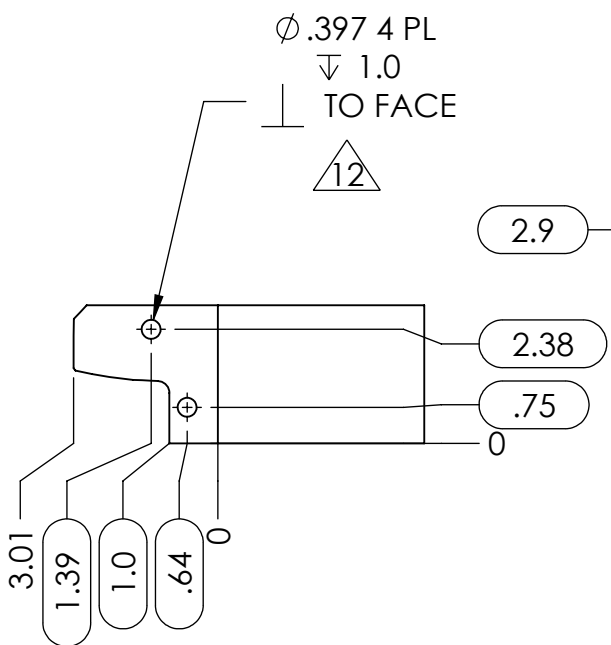
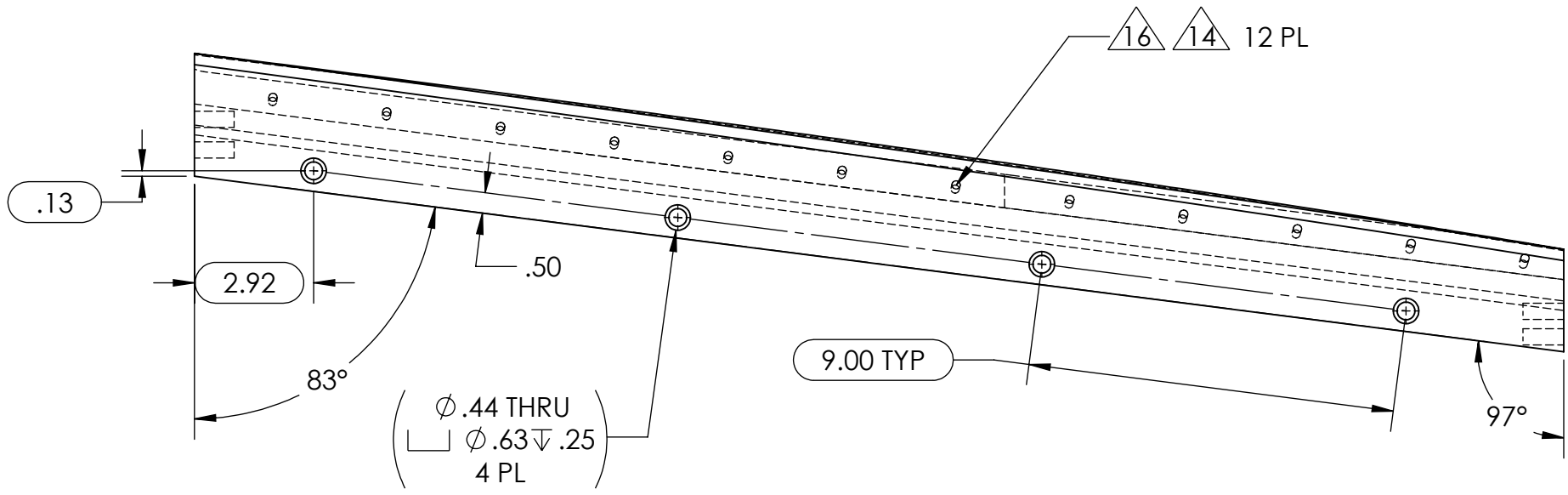
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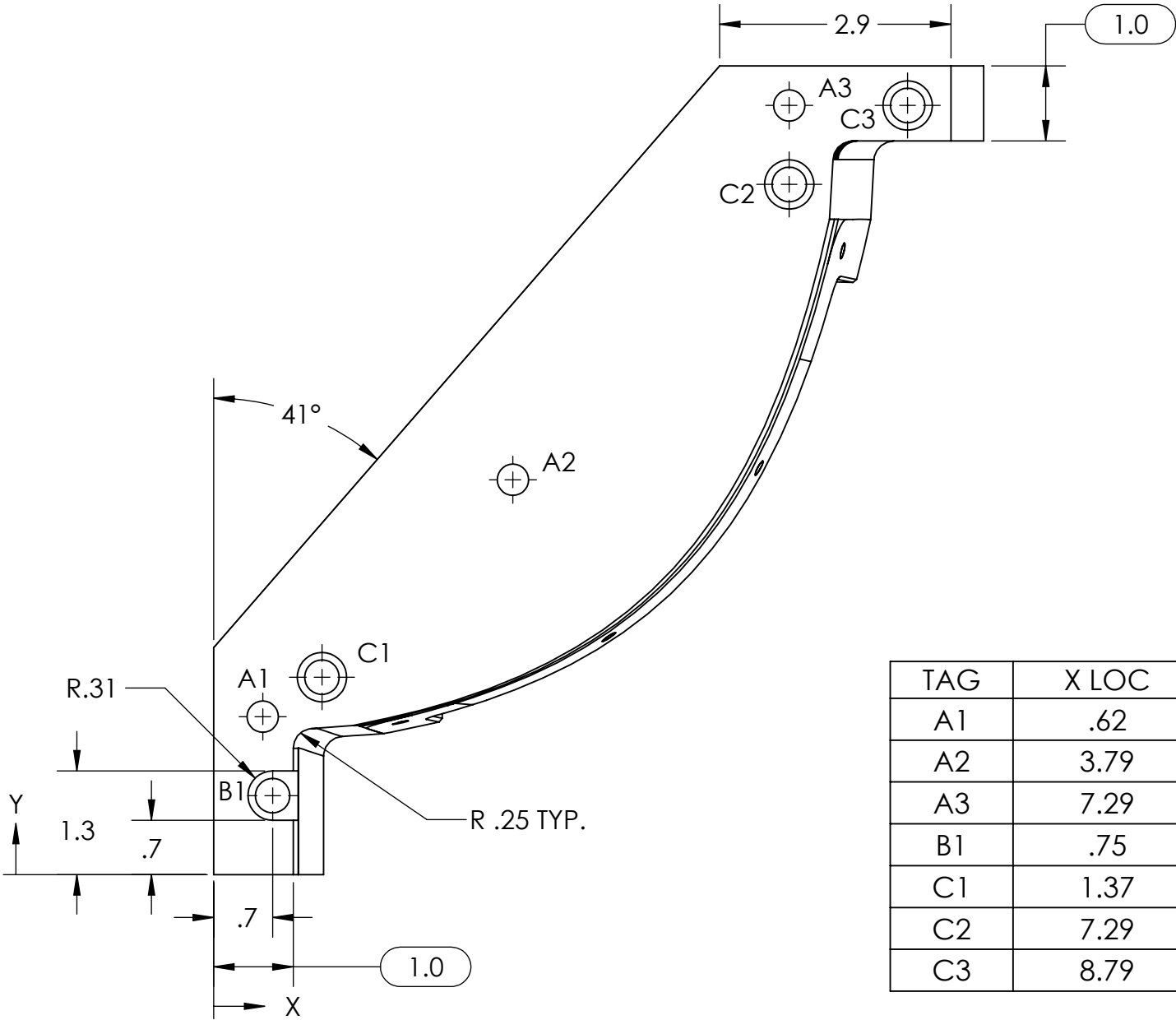
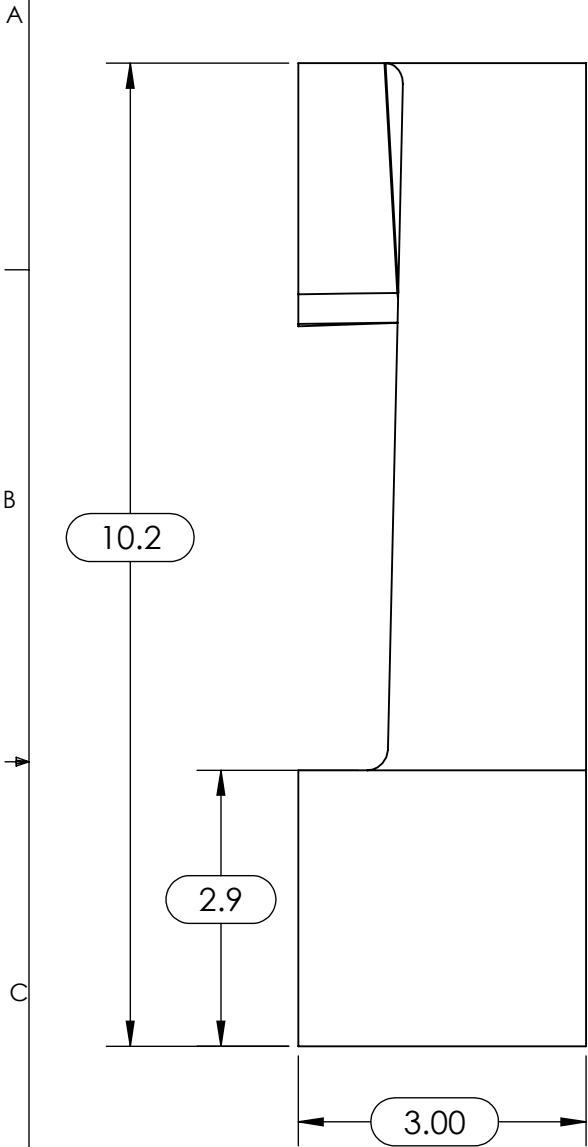
D



607.2813 FWD POD BOTTOM STRUT 4

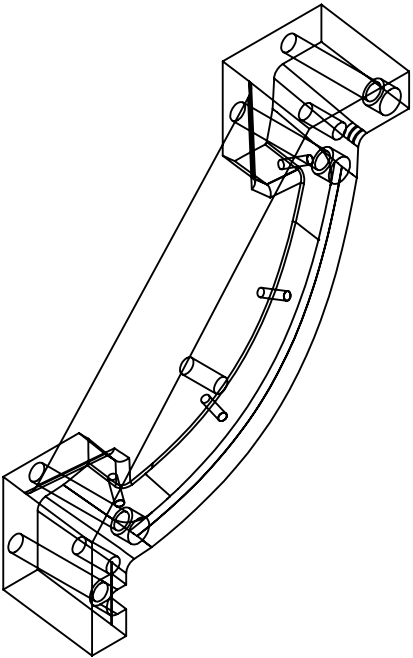
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DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
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		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 5 OF 31

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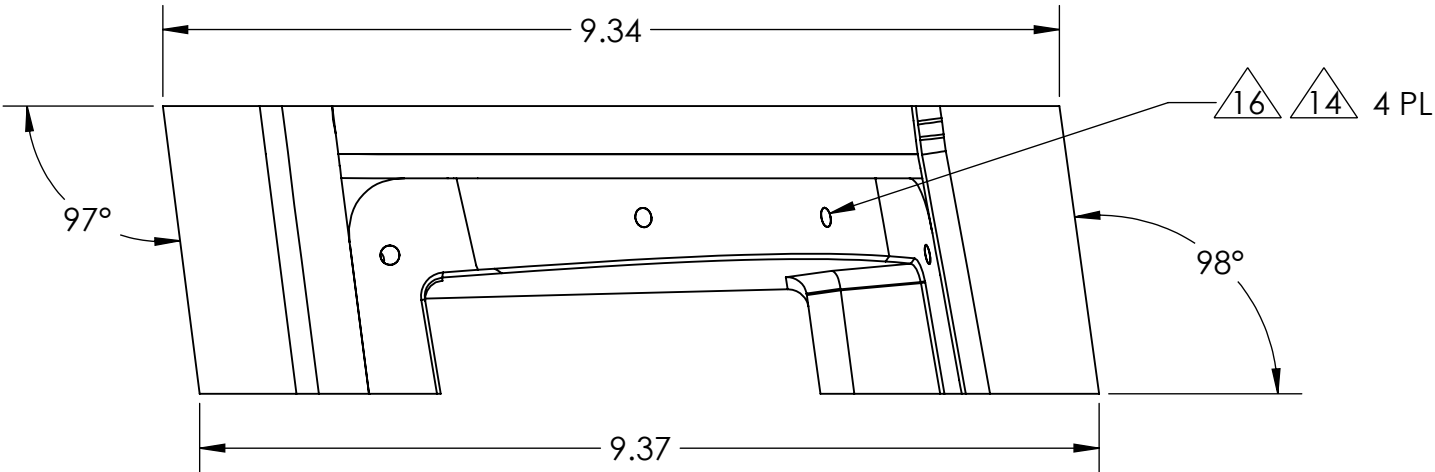


HOLE TABLE

TAG	X LOC	Y LOC	SIZE
A1	.62	2.00	$\varnothing .40 \nabla 1.00$
A2	3.79	5.00	
A3	7.29	9.74	
B1	.75	1.00	$\varnothing .44$ THRU
C1	1.37	2.50	$\varnothing .44$ THRU $\varnothing .63 \nabla .50$
C2	7.29	8.74	
C3	8.79	9.74	



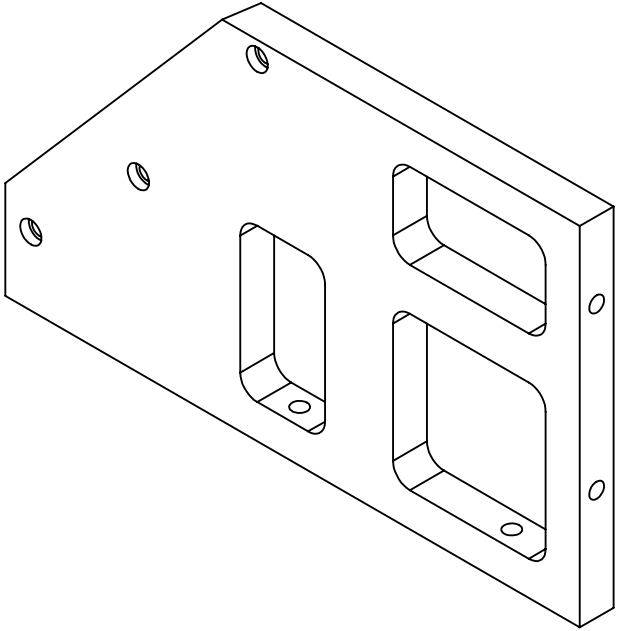
607.2814 FWD POD RH RIB



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SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
SCALE NONE		SHEET 6 OF 31	

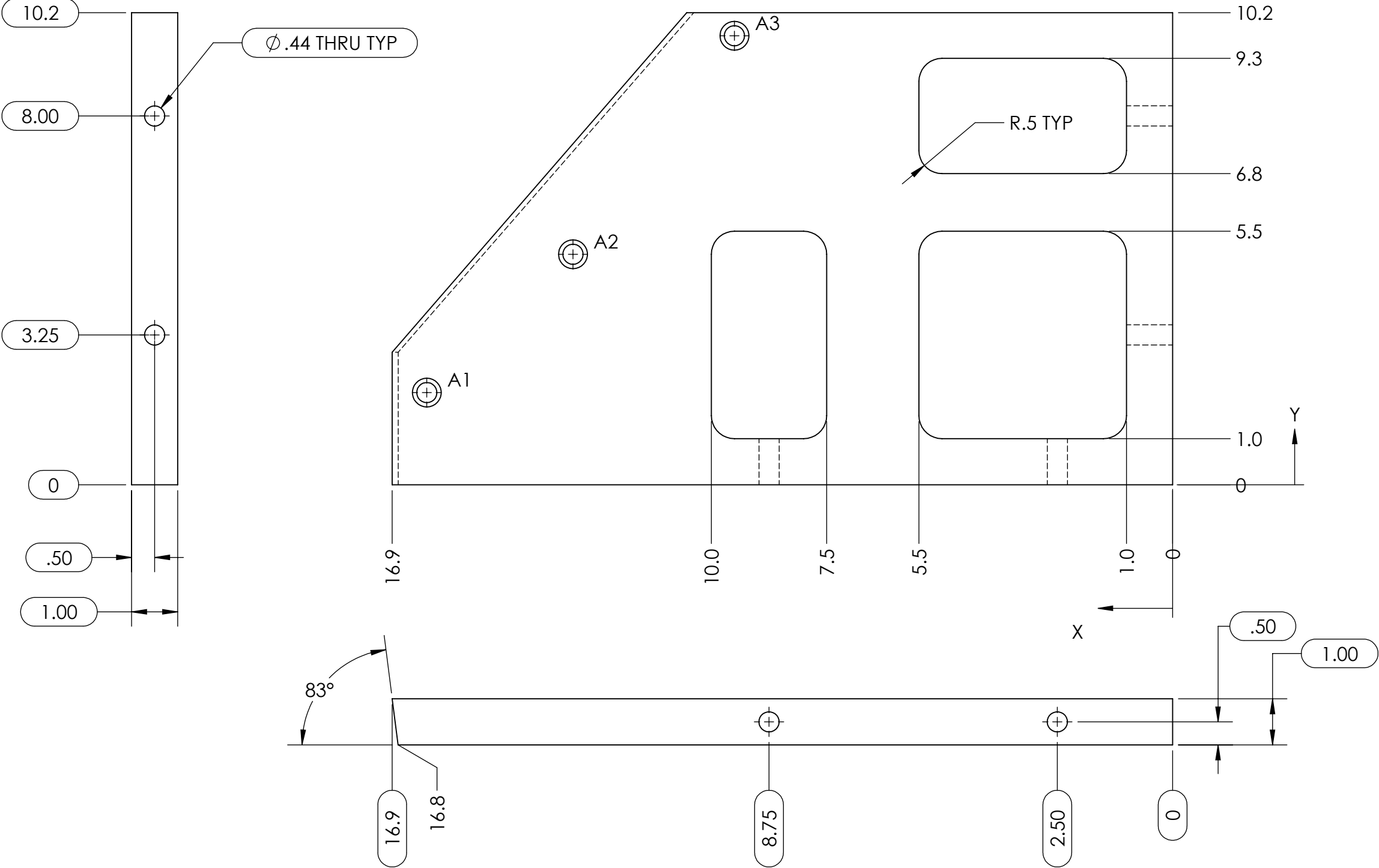
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HOLE TABLE △ ¹⁷			
TAG	X LOC	Y LOC	SIZE
A1	16.17	2.00	<div><div></div><div>Ø .44 THRU</div><div>Ø .63 ↓ .25</div></div>
A2	13.00	5.00	
A3	9.50	9.74	



607.2815 FWD POD RH PLATE 6

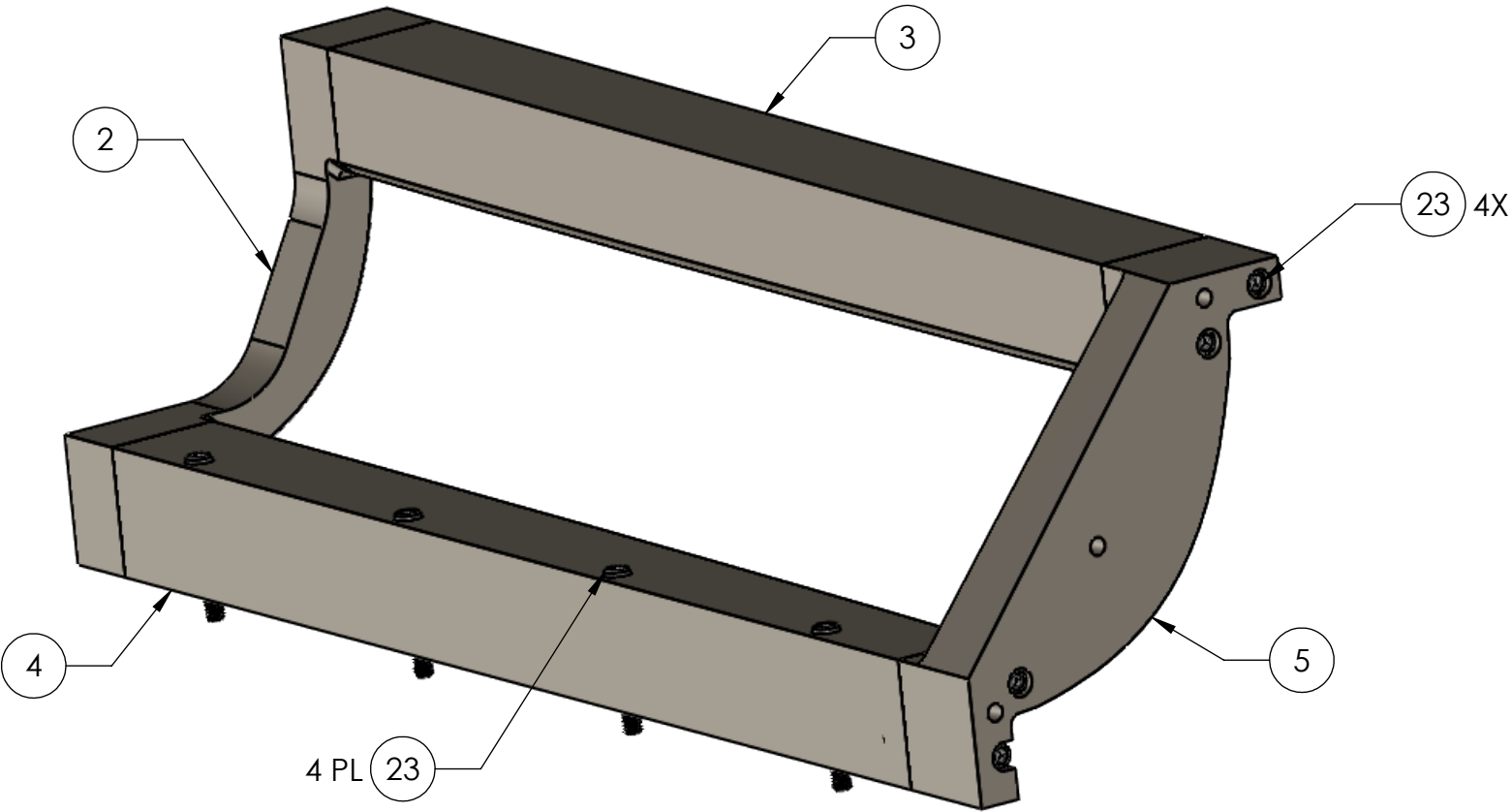
A
B
C
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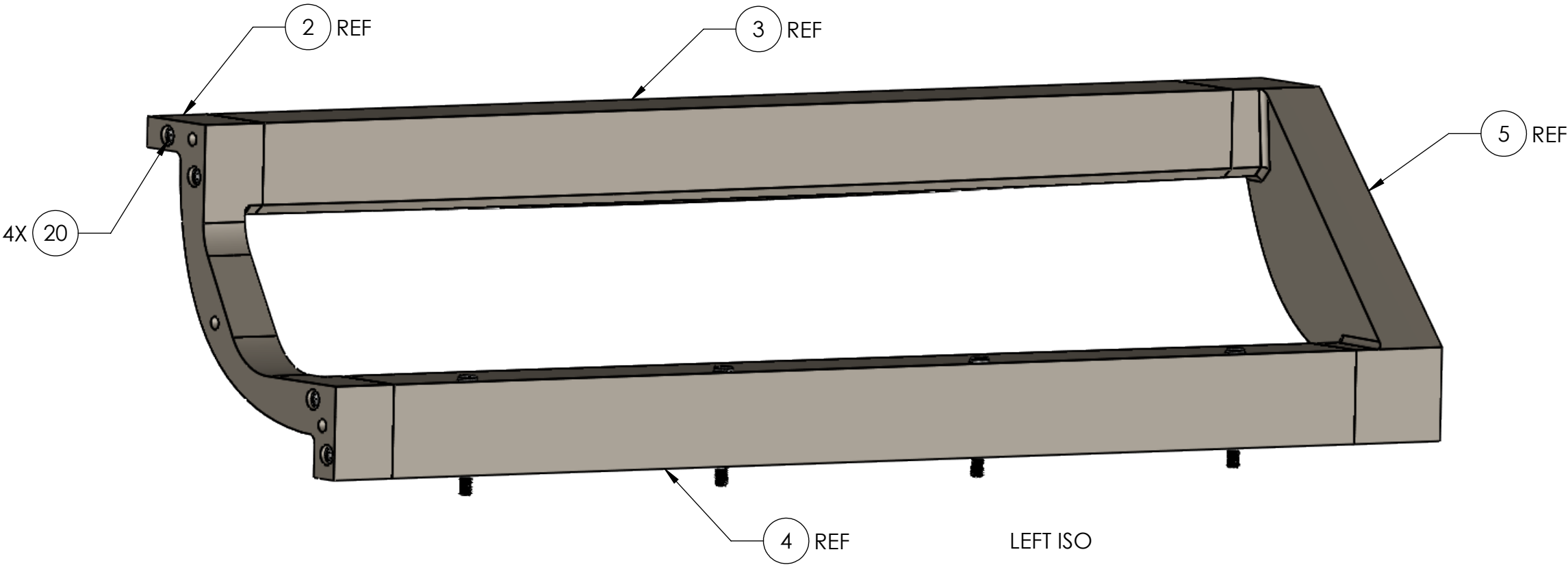
ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300			
DRAWN BY DF					
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT No.					
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		SCALE NONE		SHEET 7 OF 31	

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607.2801 WITHOUT SIDES/PLATES



RIGHT ISO

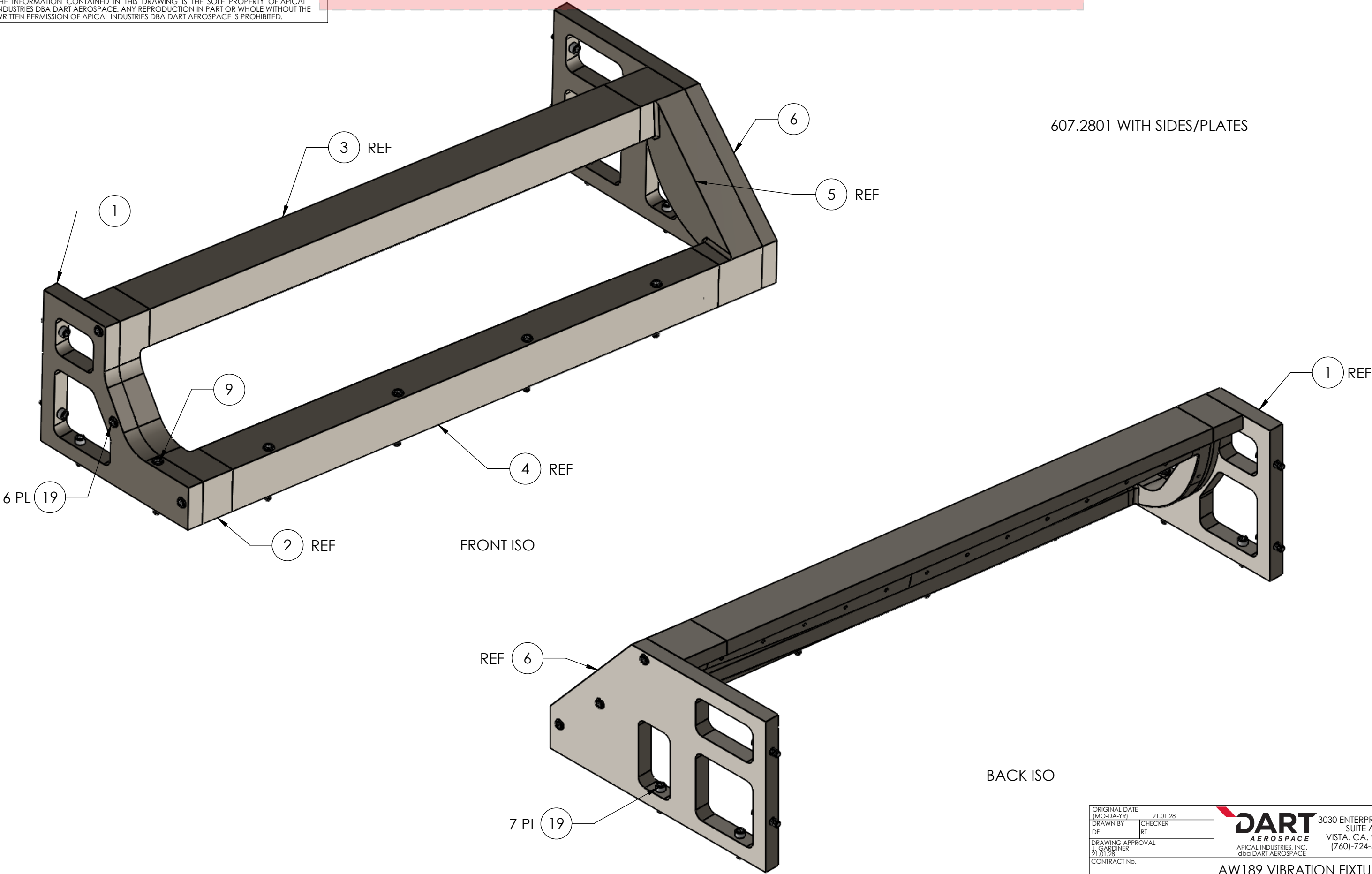



LEFT ISO

ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
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		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 8 OF 31

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A
B
C
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ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
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DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT No.					
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		B	07MZ6	607.2800	PR2
		SCALE NONE		SHEET 9 OF 31	

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HOLE TABLE 17

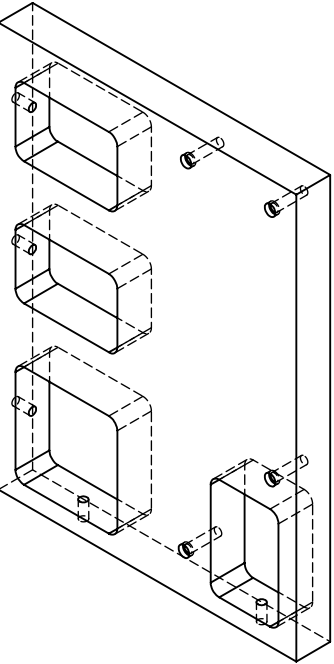
TAG	X LOC	Y LOC	SIZE
A1	10.93	2.31	<div><div></div><div>Ø .44 THRU</div><div>Ø .63 ▾ .25</div></div>
A2	11.05	22.25	
A3	16.00	8.50	
A4	16.00	22.25	

A

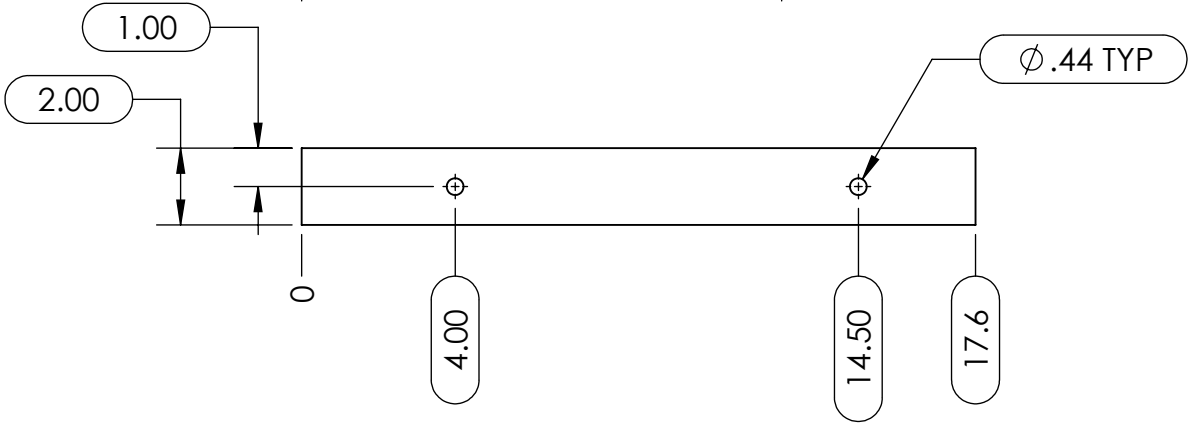
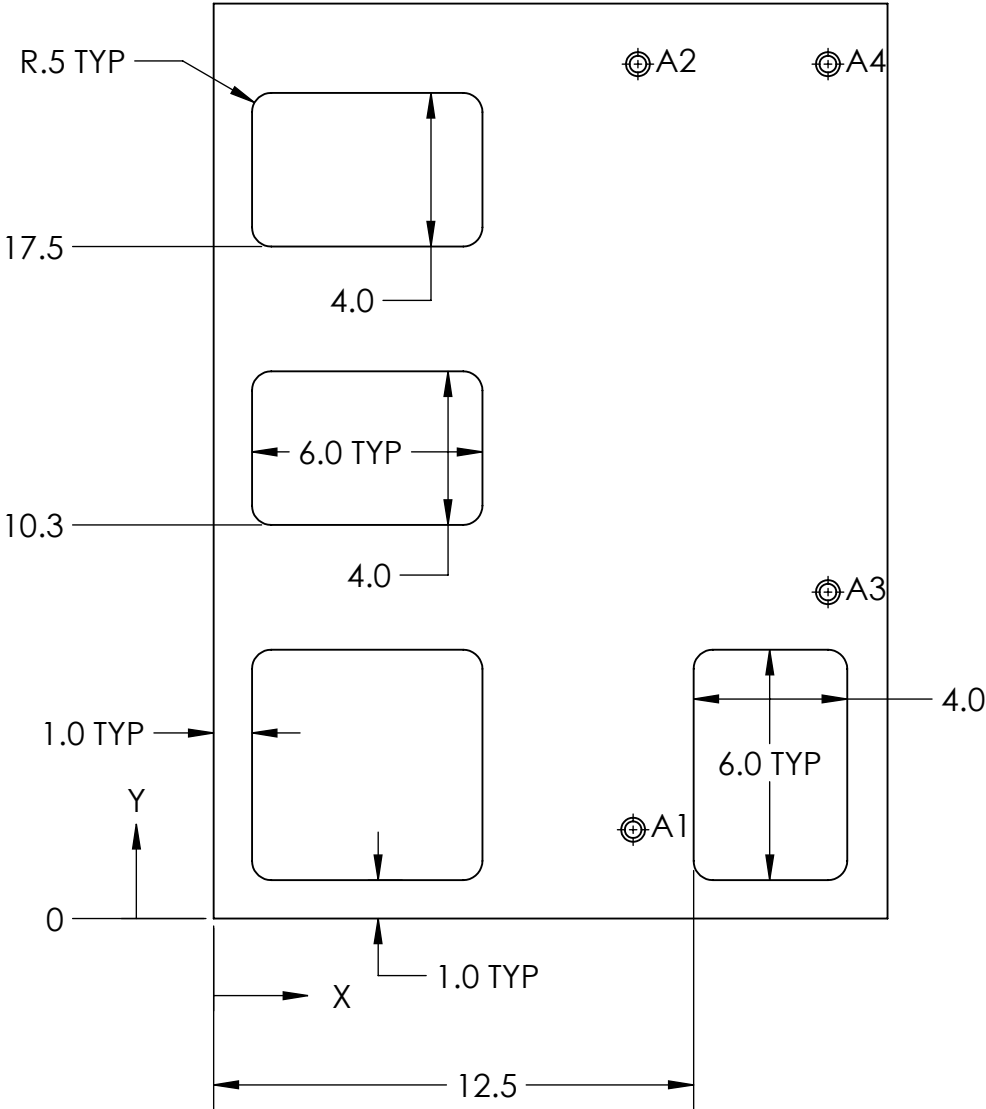
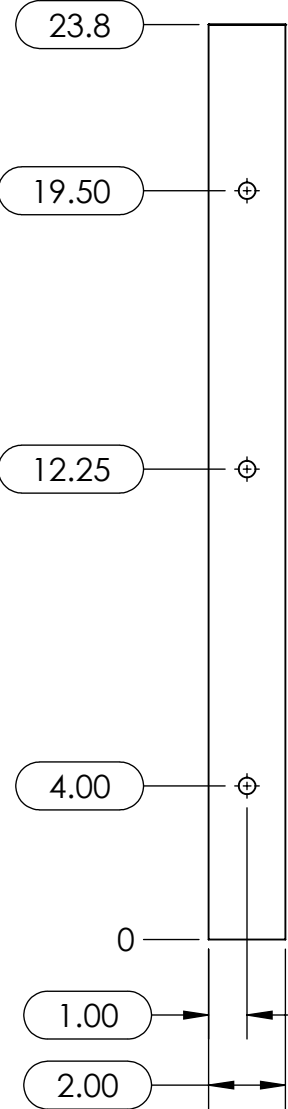
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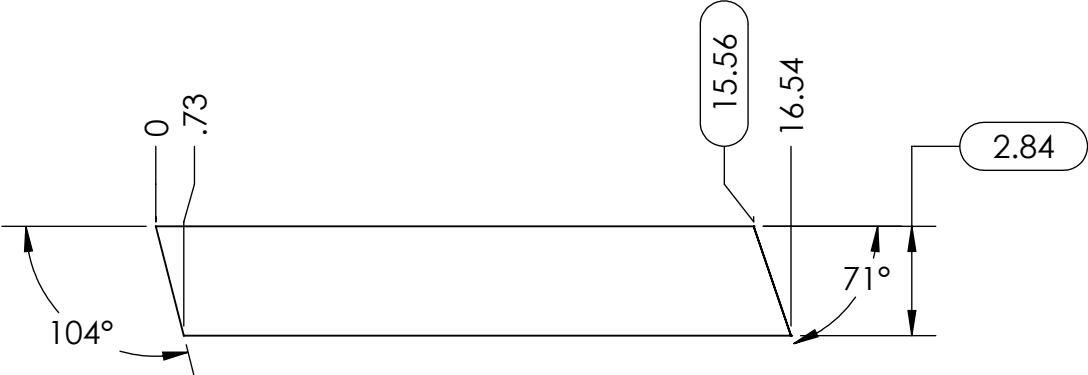


607.2816 AFT POD LH PLATE 7





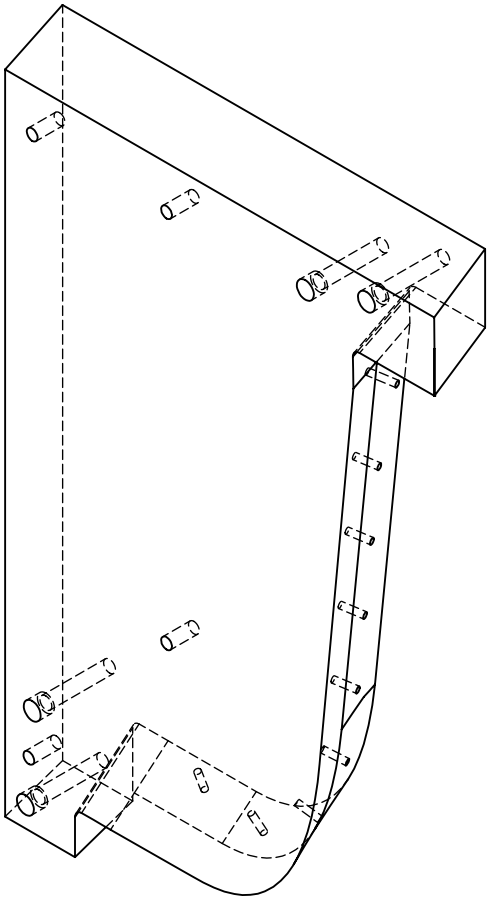
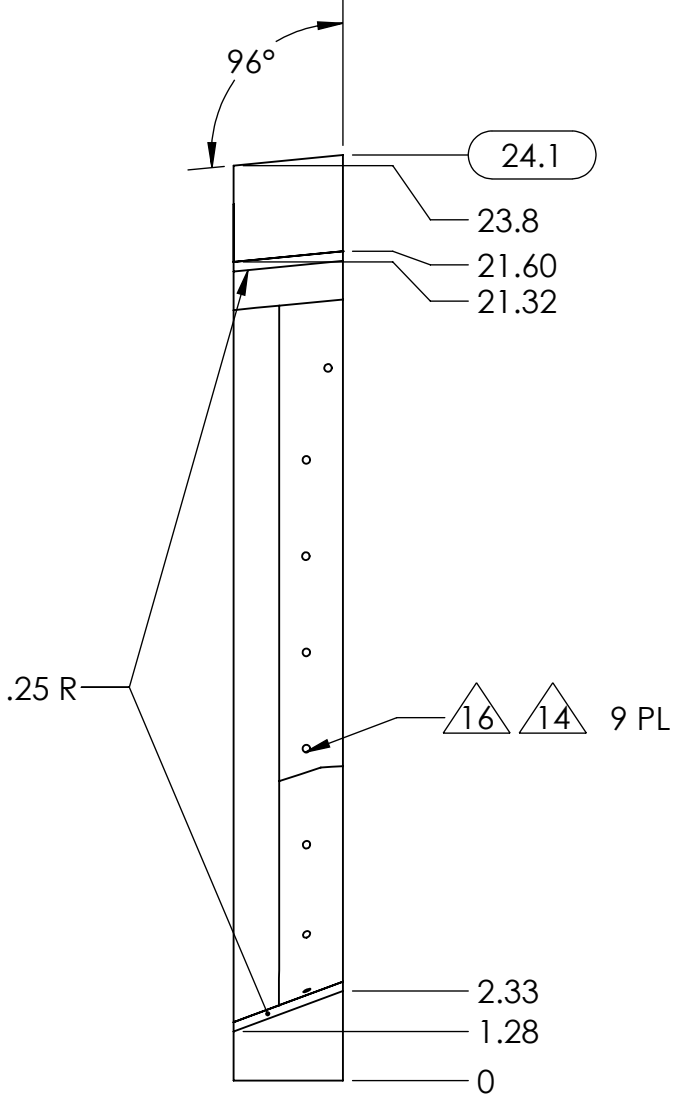
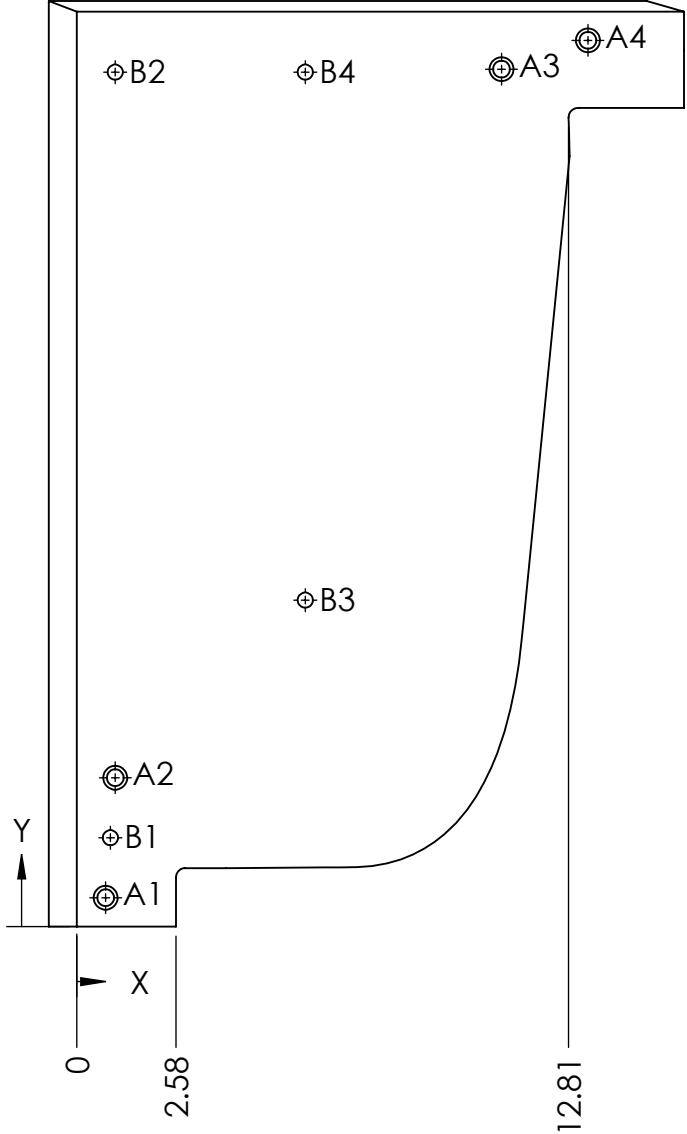
ORIGINAL DATE (MO-DA-YR) 21.01.28		<div><div><div><div></div><div>DART</div><div>AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div></div><div>AW189 VIBRATION FIXTURES</div></div>			
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28 CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
SCALE NONE		SHEET		10 OF 31	

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HOLE TABLE 

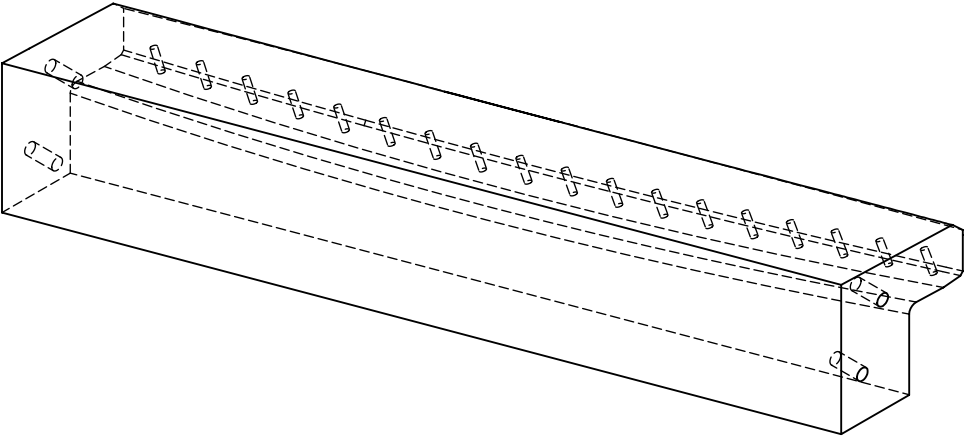
TAG	X LOC	Y LOC	SIZE
A1	.75	.75	 ϕ .44 THRU ϕ .63 ∇ .50
A2	1.00	3.88	
A3	11.06	22.33	
A4	13.31	23.08	
B1	.88	2.31	ϕ .40 ∇ 1.00 
B2	1.00	22.25	
B3	5.95	8.50	
B4	5.95	22.25	



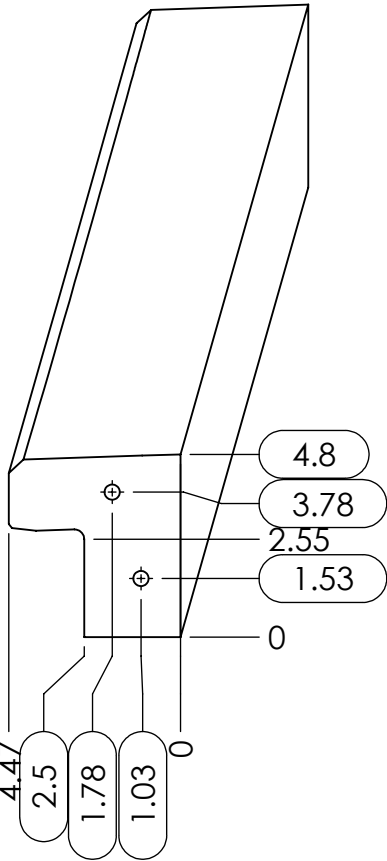
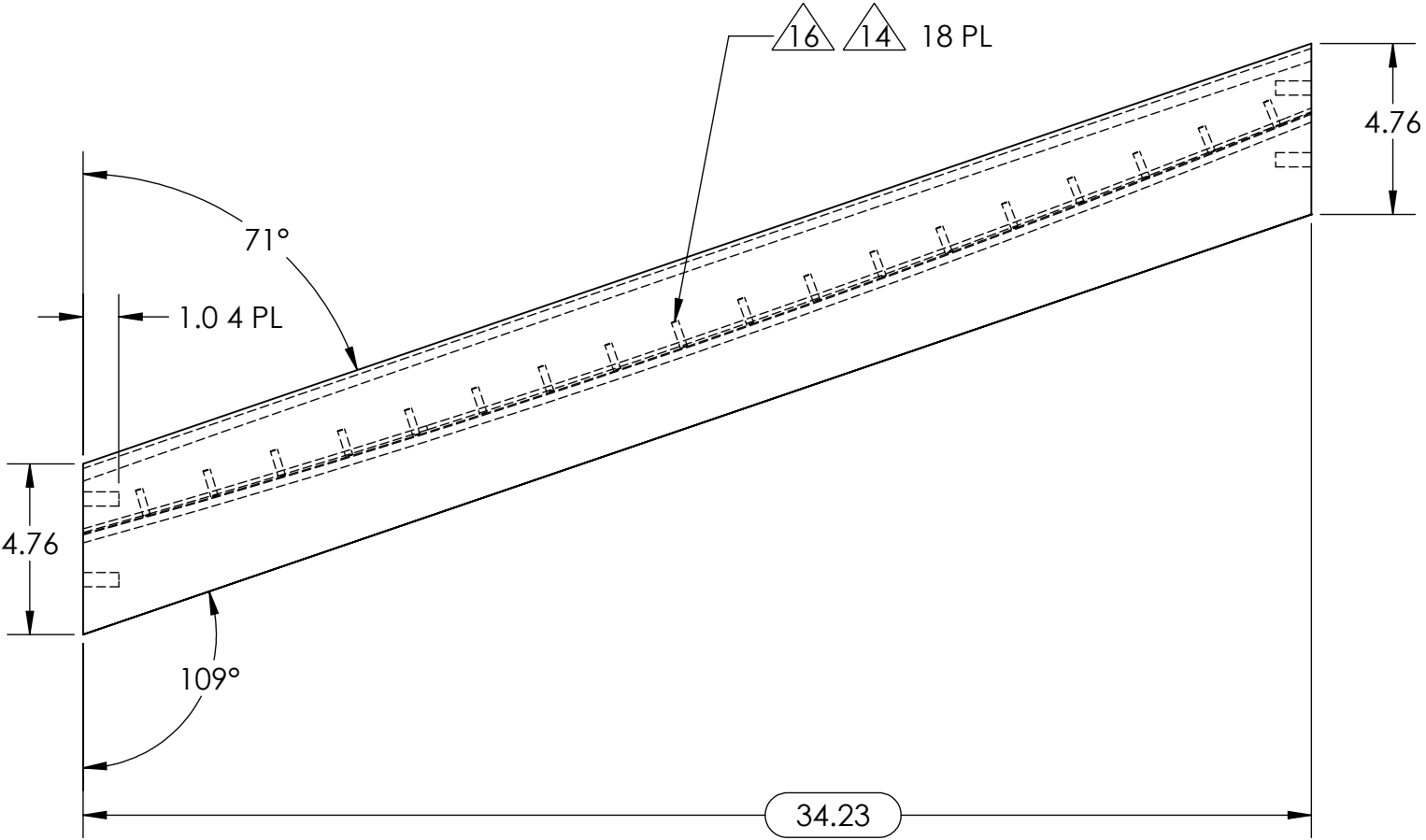
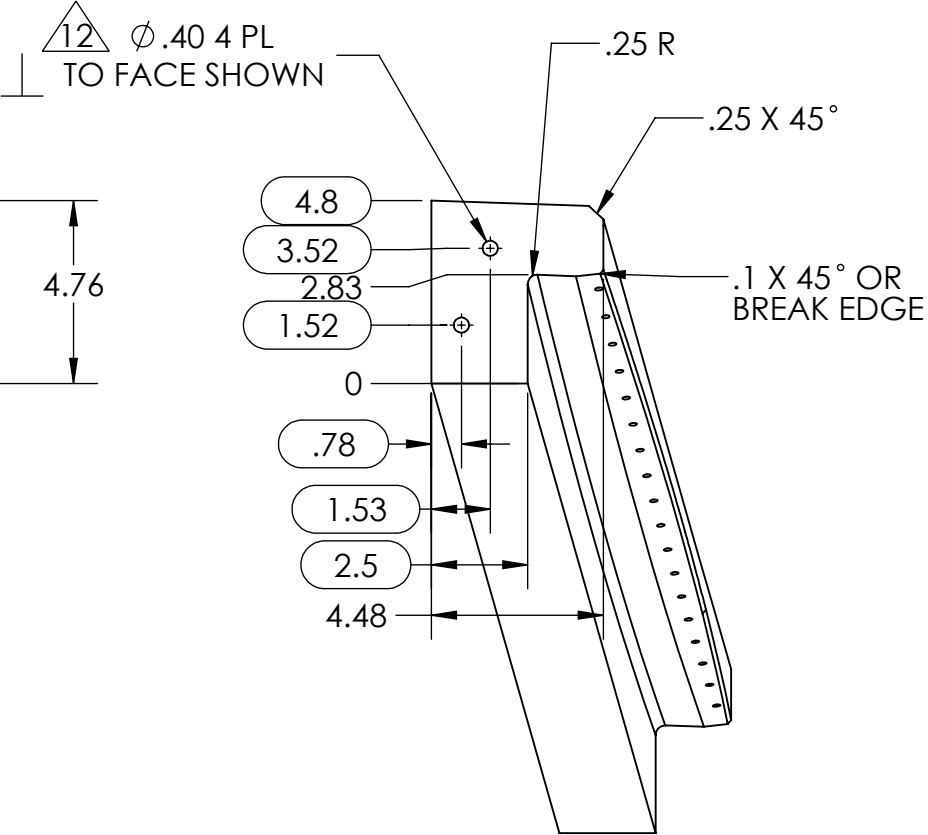
607.2817 AFT POD LH RIB 

ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF		CHECKER RT	
DRAWING APPROVAL J. GARDINER 21.01.28		CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS \pm .01 3 PLACE DECIMALS \pm .005 ANGLES \pm .5°		AW189 VIBRATION FIXTURES	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
SCALE NONE		SHEET 11 OF 31	

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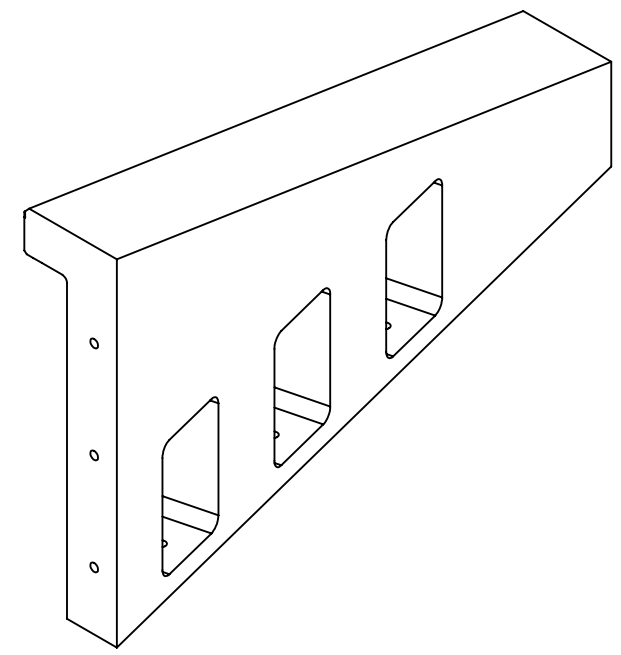



607.2818 AFT POD TOP STRUT 9



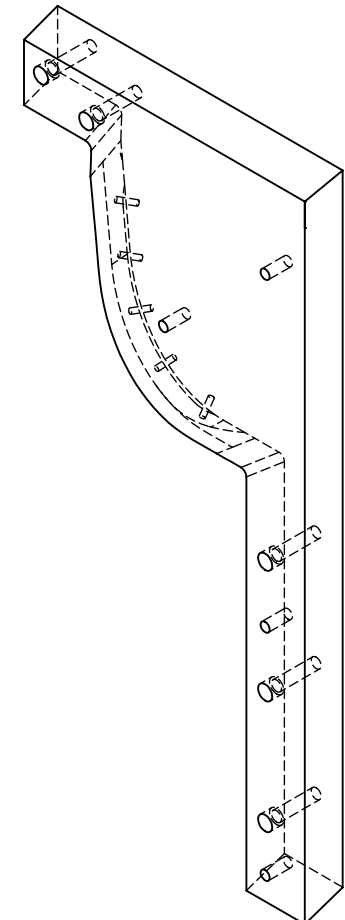
ORIGINAL DATE (MO-DA-YR) 21.01.28		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 12 OF 31

D

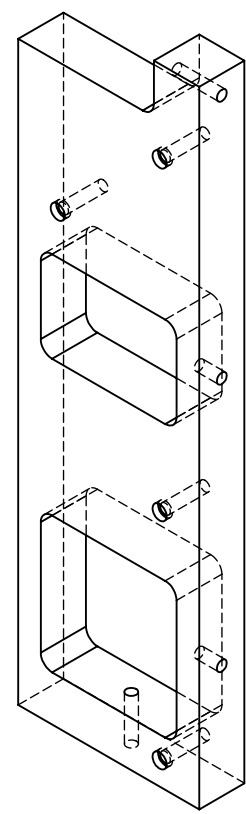


ORIGINAL DATE (MO-DA-YR) 21.01.28	 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300				
DRAWN BY DF	CHECKER RT	AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWING APPROVAL J. GARDINER 21.01.28					
CONTRACT No.		AW189 VIBRATION FIXTURES			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
SCALE NONE			SHEET 13 OF 31		


A horizontal number line with the number 7 on the left and 8 on the right. A vertical tick mark is placed exactly halfway between 7 and 8.



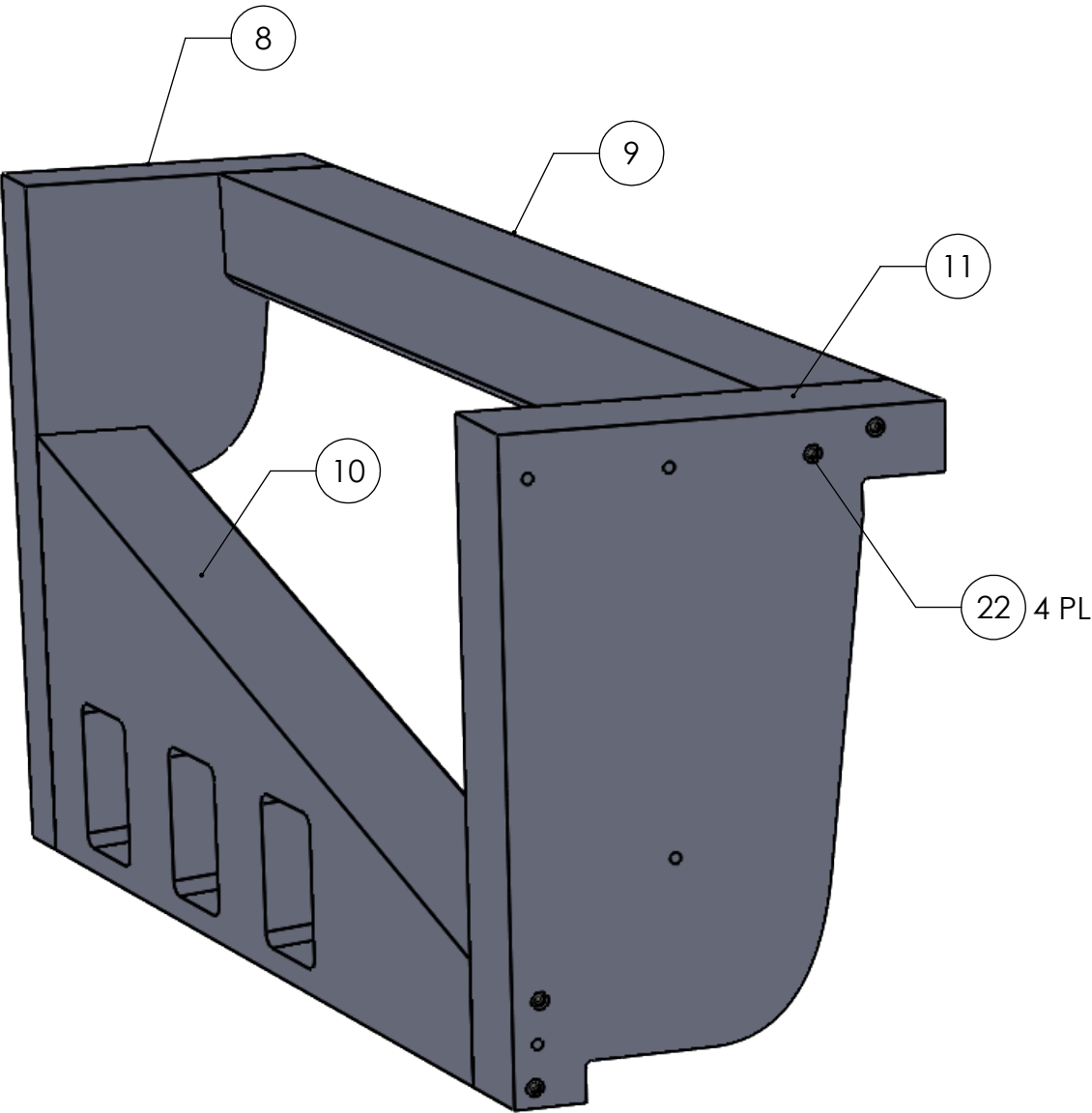
A horizontal number line with the number 7 on the left and 8 on the right. A vertical tick mark is placed exactly halfway between 7 and 8.



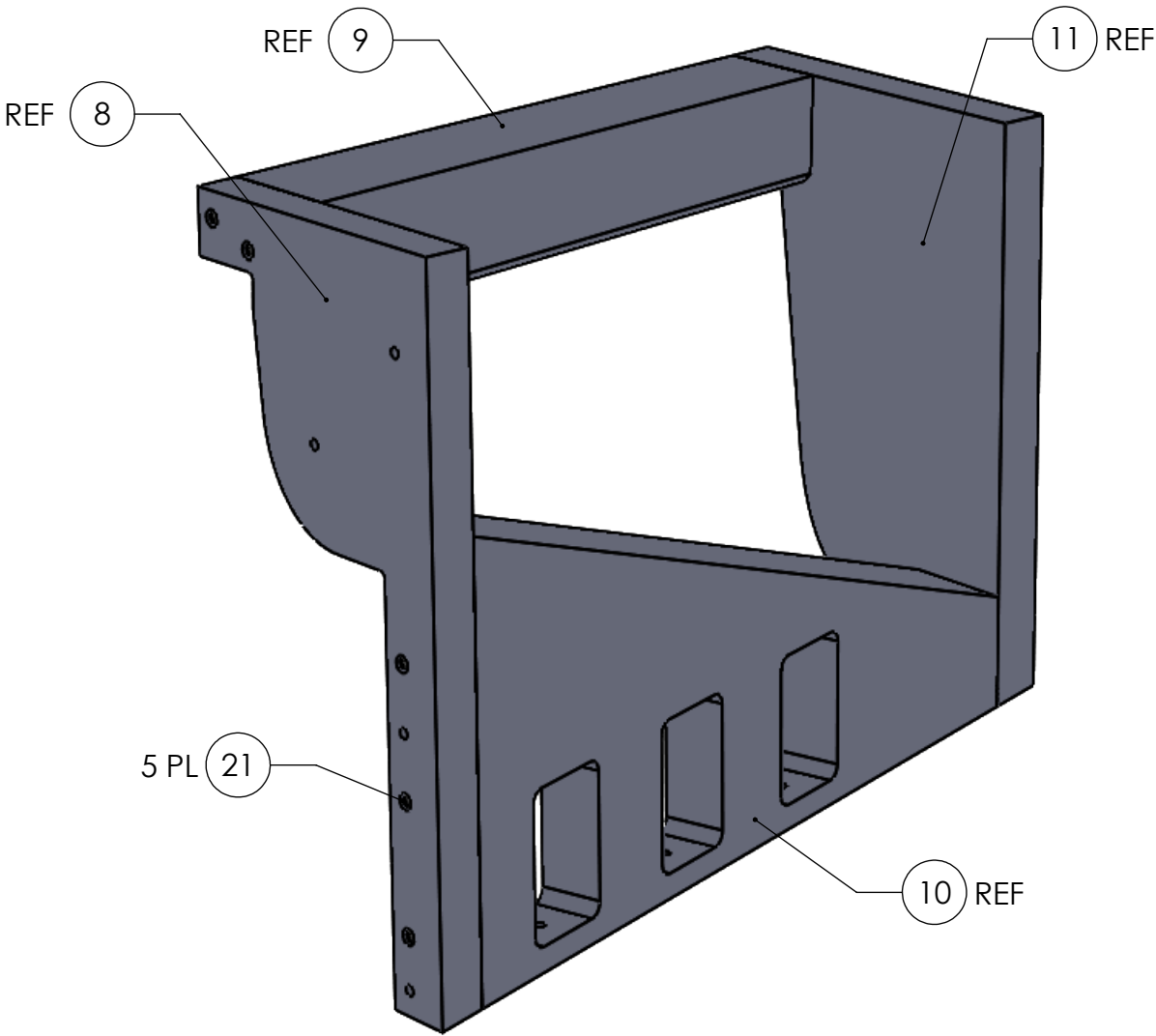
607.2821 AFT POD RH PLATE (12)

ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	
		SHEET	15 OF 31

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LEFT ISO



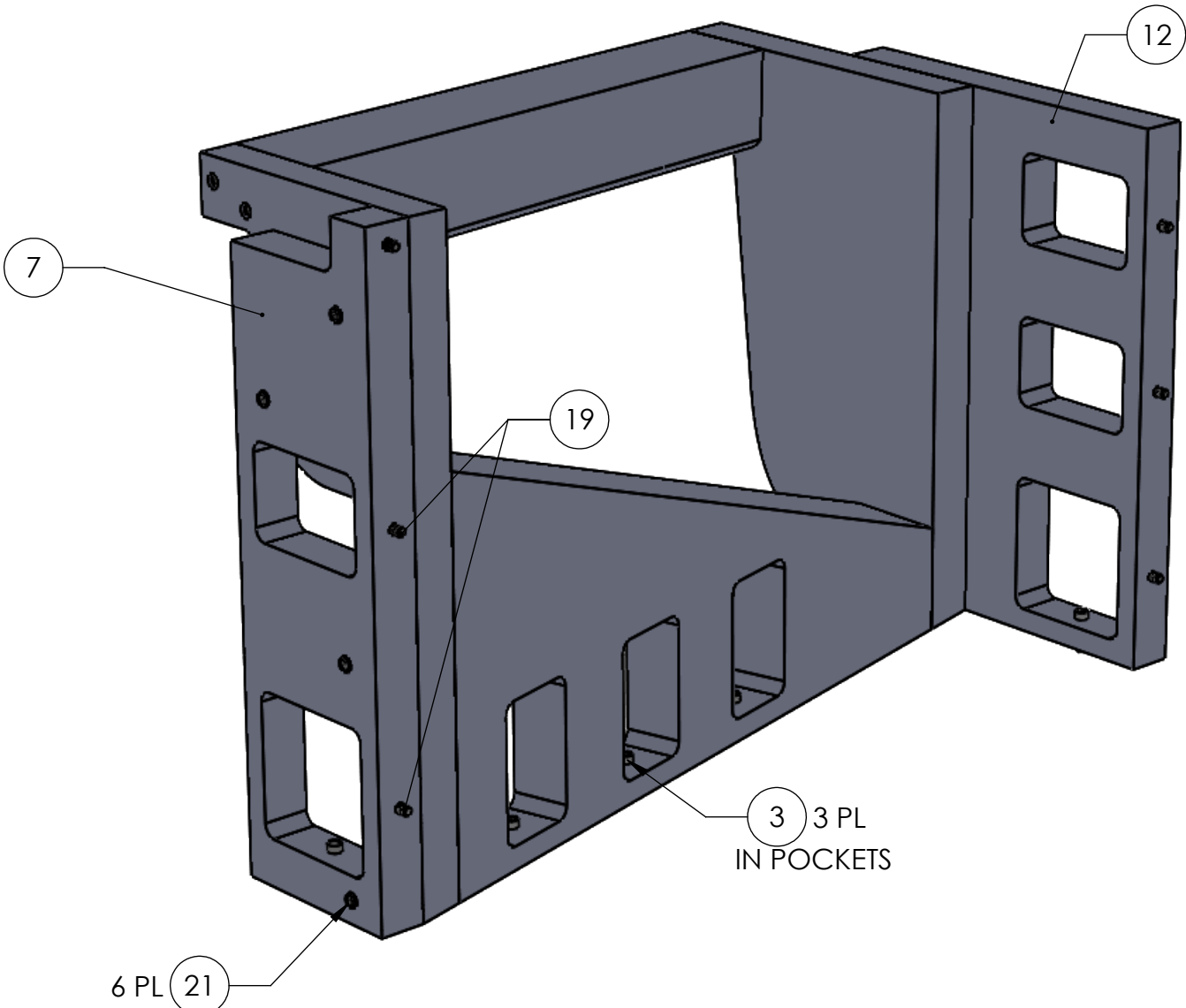
RIGHT ISO

607.2802 AFT POD VIBE FIXTURE ASSY W/O ENDS

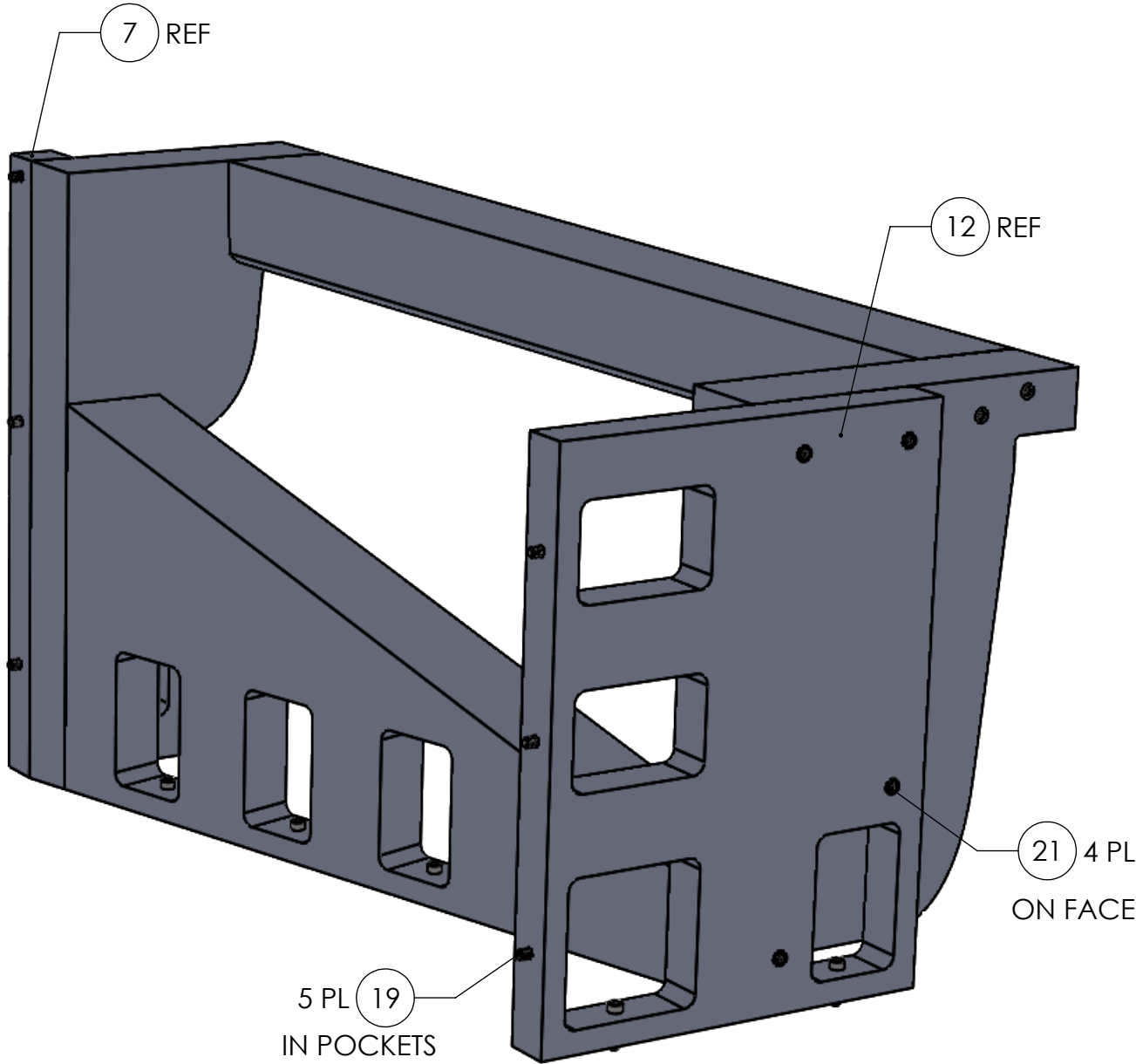
ORIGINAL DATE (MO-DA-YR) 21.01.28		DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 16 OF 31

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A
B
C
D



RIGHT ISO

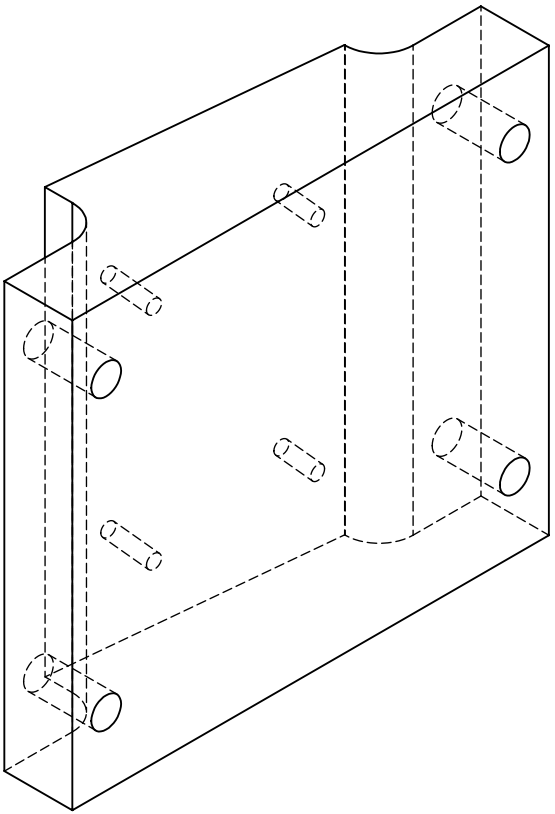
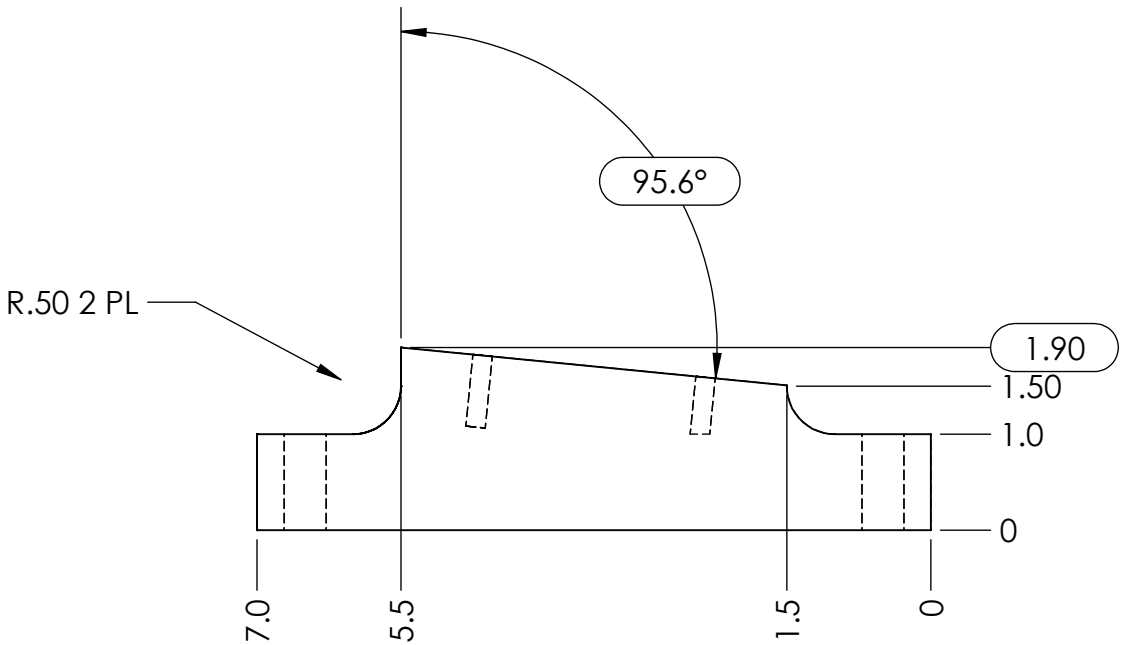
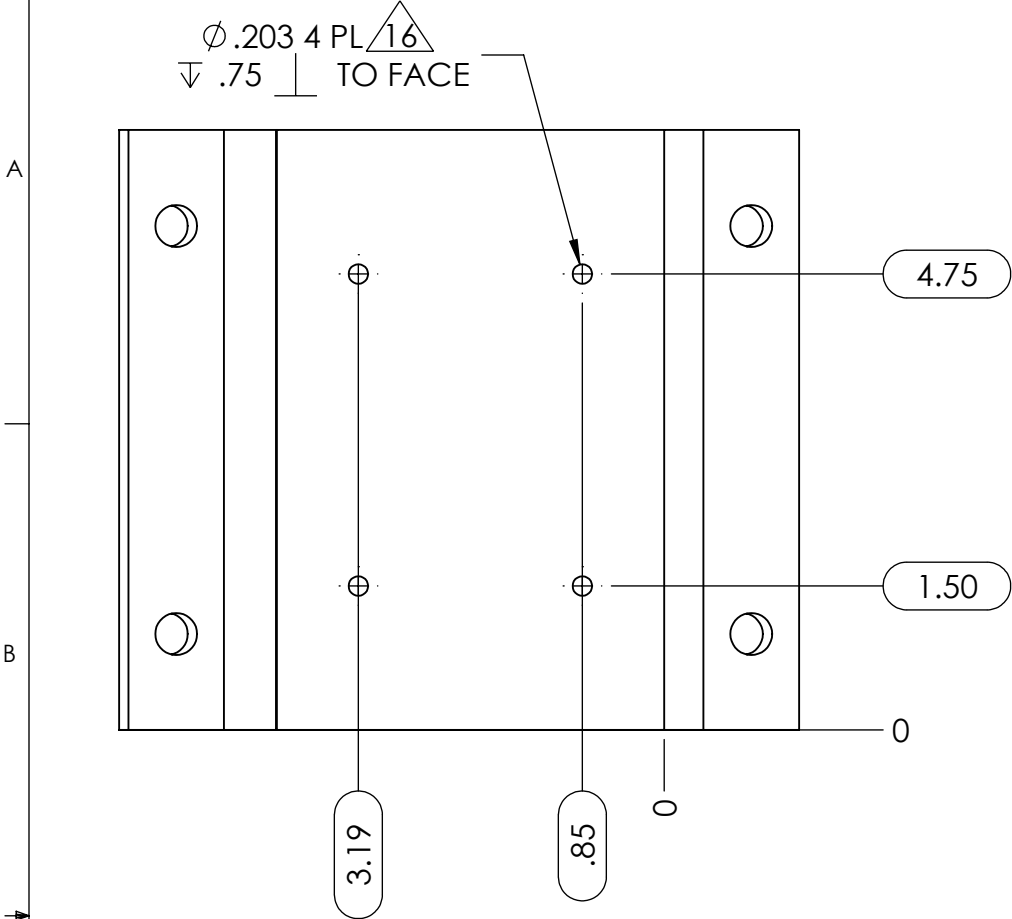


LEFT ISO

607.2802 AFT POD VIBE FIXTURE ASSY

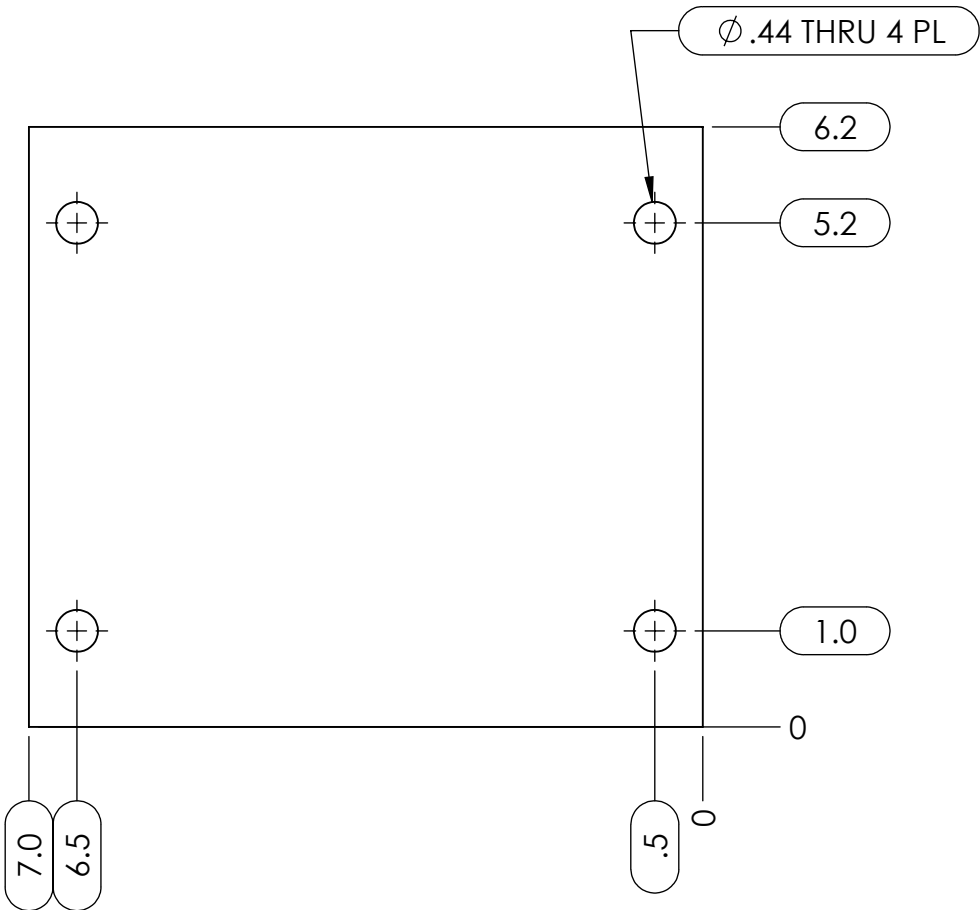
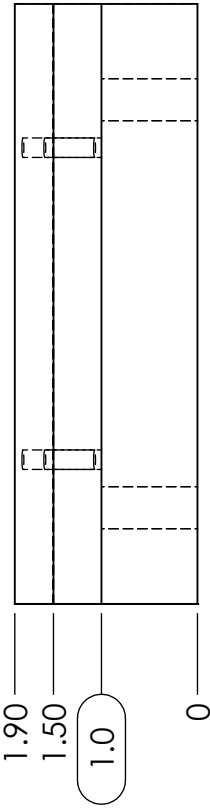
ORIGINAL DATE (MO-DA-YR) 21.01.28		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 17 OF 31

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607.2822 FLOAT BOTTLE STAND 1 13

TOP VIEW \perp TO ANGLED FACE



ORIGINAL DATE (MO-DA-YR) 21.01.28		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. PR2
		CAGE CODE 07MZ6	
		DWG. NO. 607.2800	
		SCALE NONE	SHEET 18 OF 31

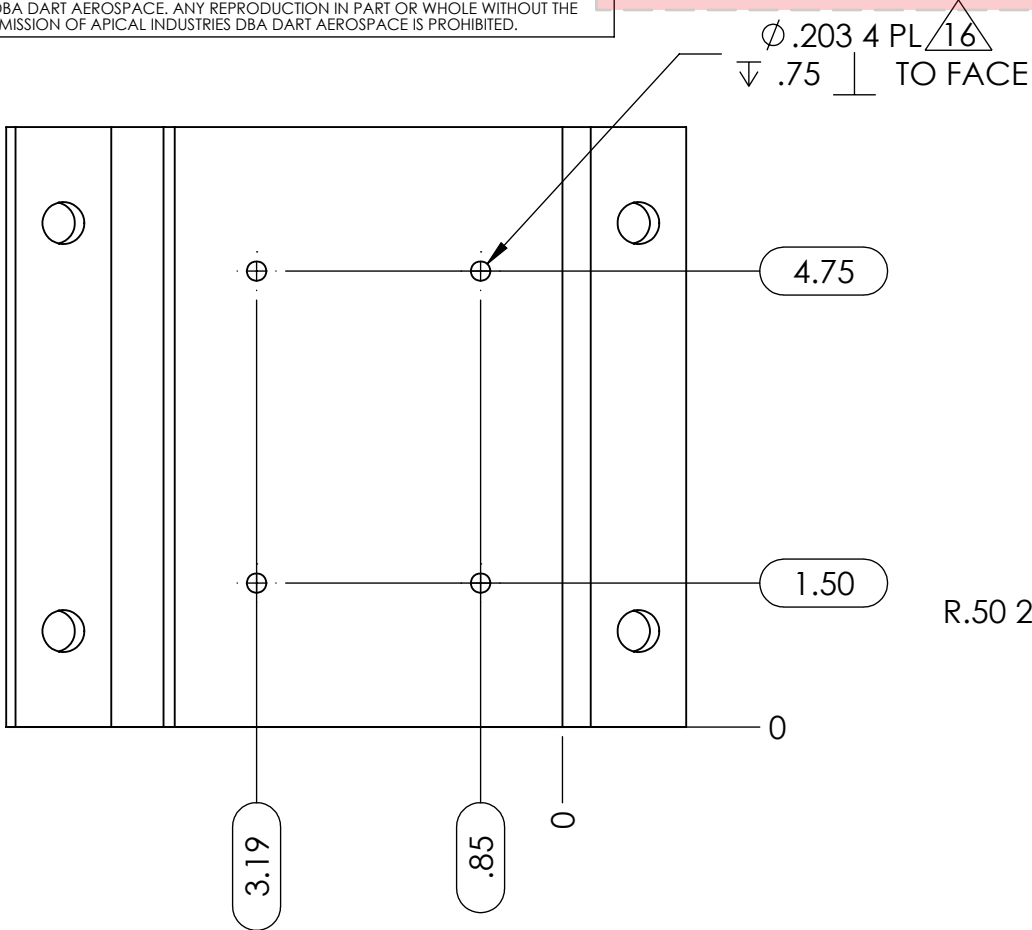
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A

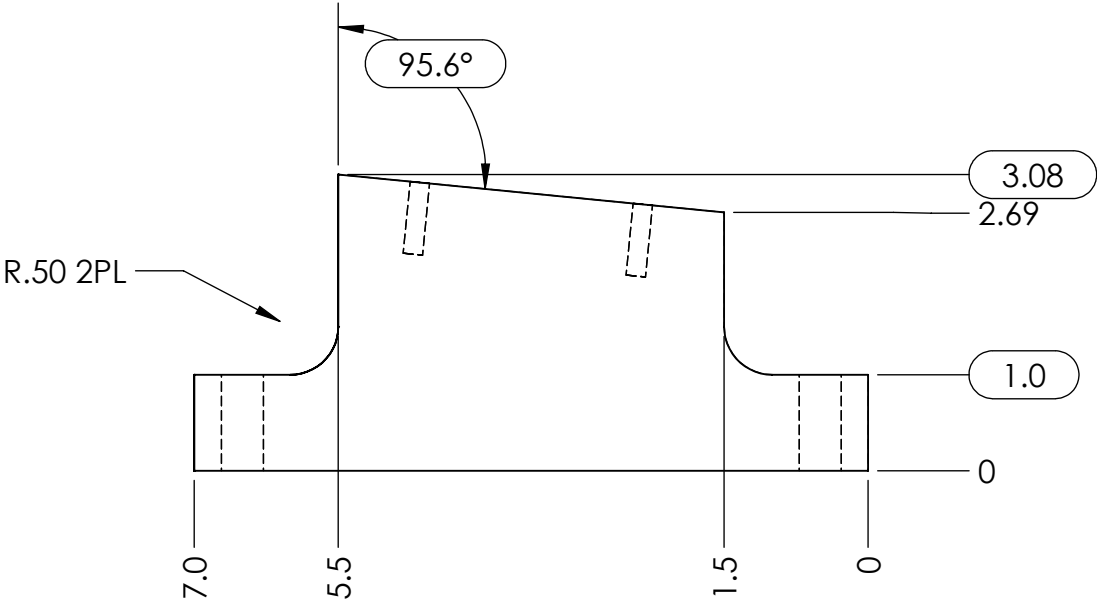
B

C

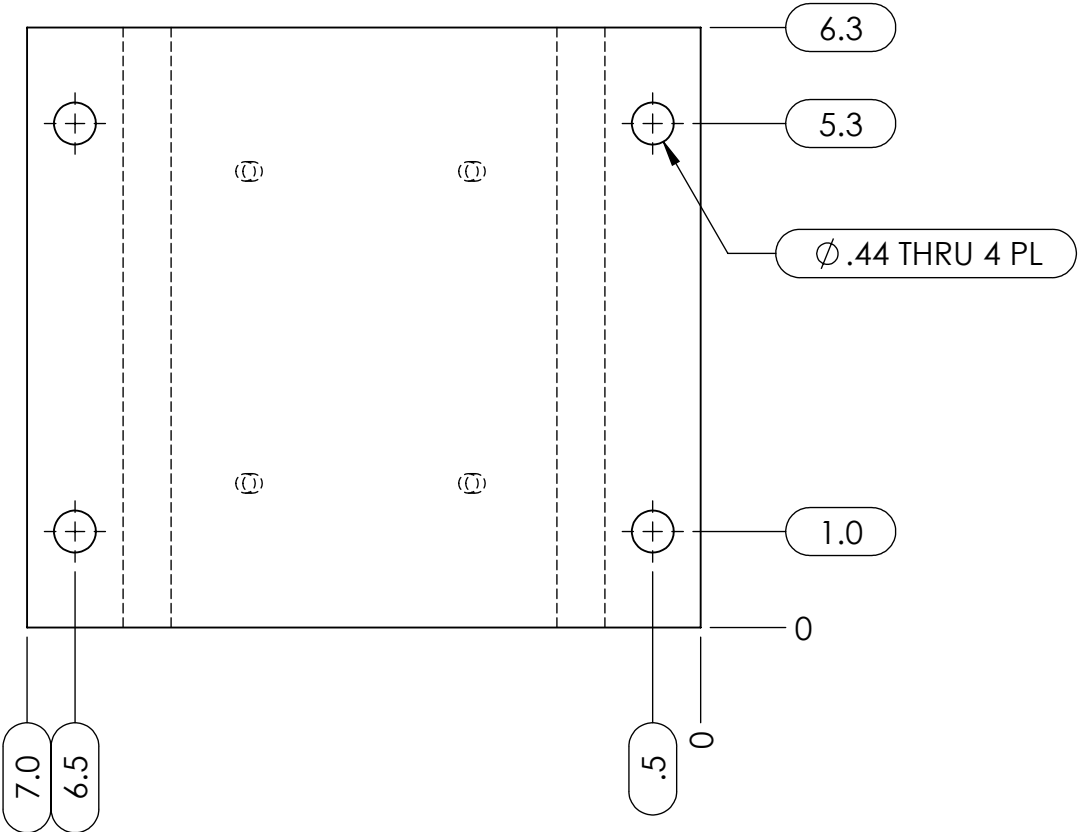
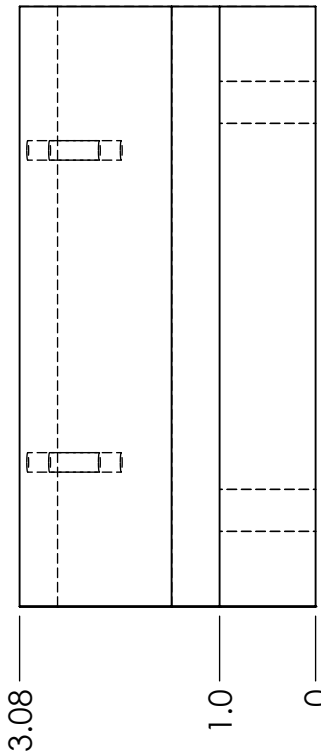
D



TOP VIEW \perp TO ANGLED FACE



607.2823 FLOAT BOTTLE STAND 2 (14)



ORIGINAL DATE (MO-DA-YR) 21.01.28		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 19 OF 31

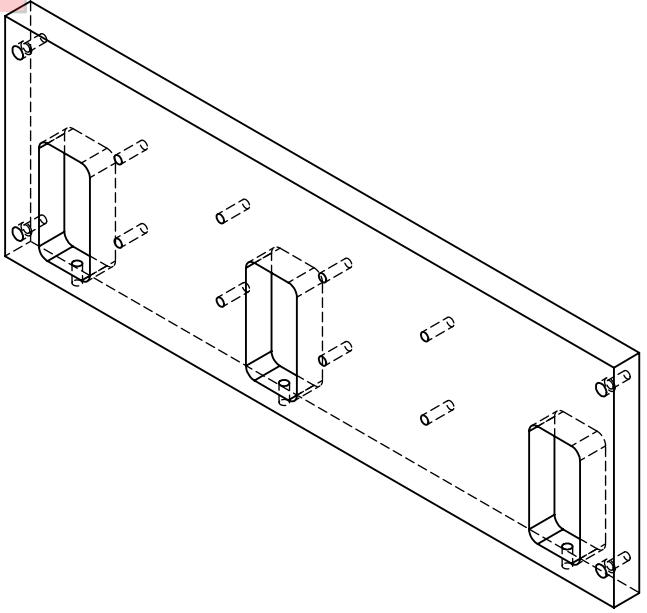
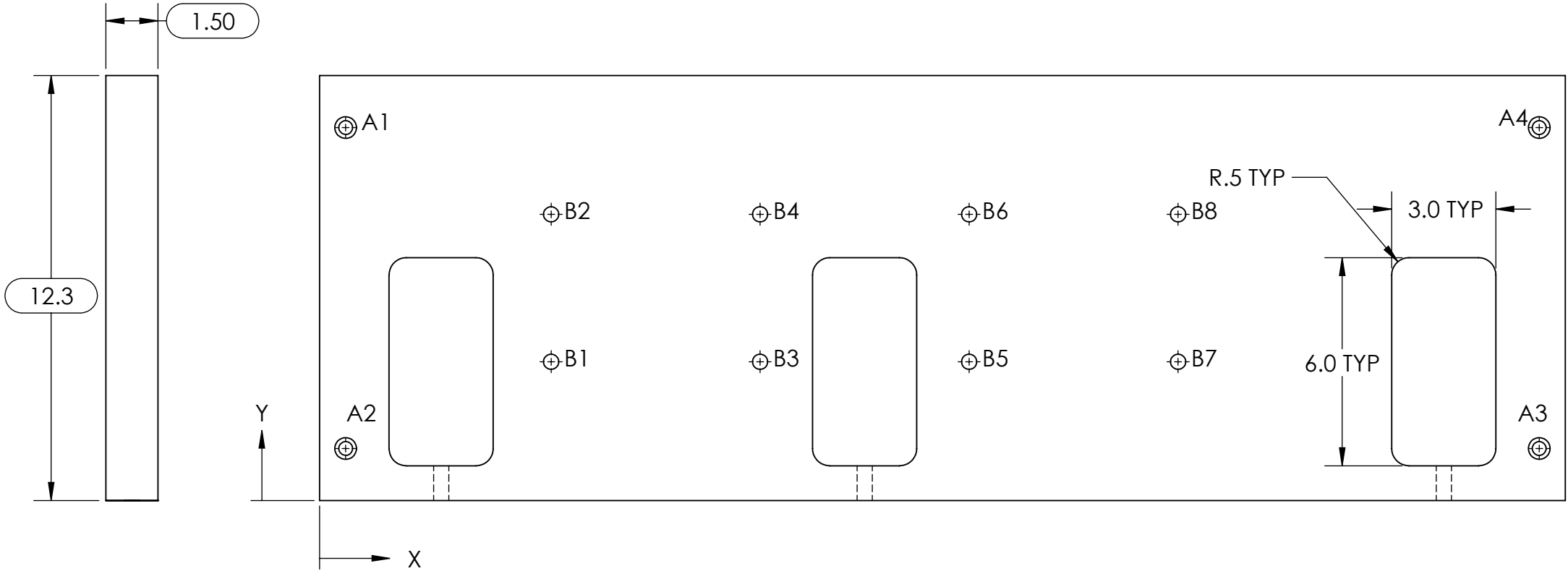
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A

B

C

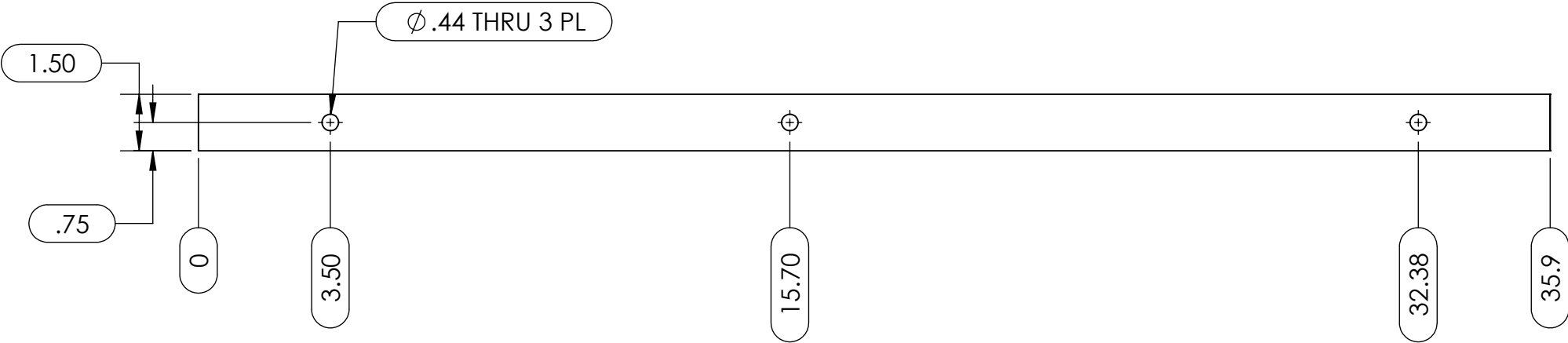
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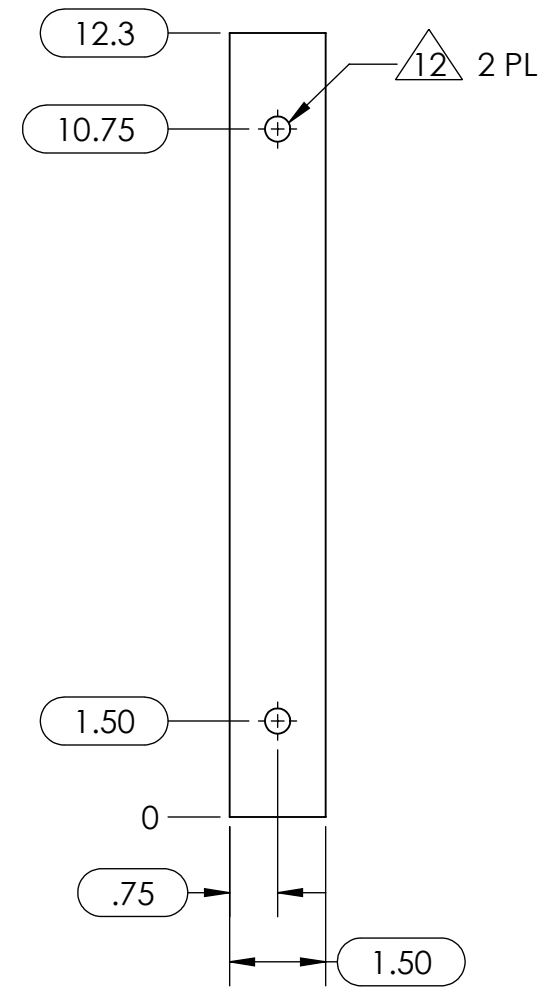
607.2824 FLOAT BOTTLE TOP PLATE 15

HOLE TABLE 17


TAG	X LOC	Y LOC	SIZE
A1	.75	10.75	Ø .40 THRU Ø .63 THRU .50
A2	.75	1.50	
A3	35.13	1.50	
A4	35.13	10.75	
B1	6.67	4.00	Ø .44 THRU
B2	6.67	8.25	
B3	12.69	4.00	
B4	12.69	8.25	
B5	18.71	4.00	
B6	18.71	8.25	
B7	24.73	4.00	
B8	24.73	8.25	



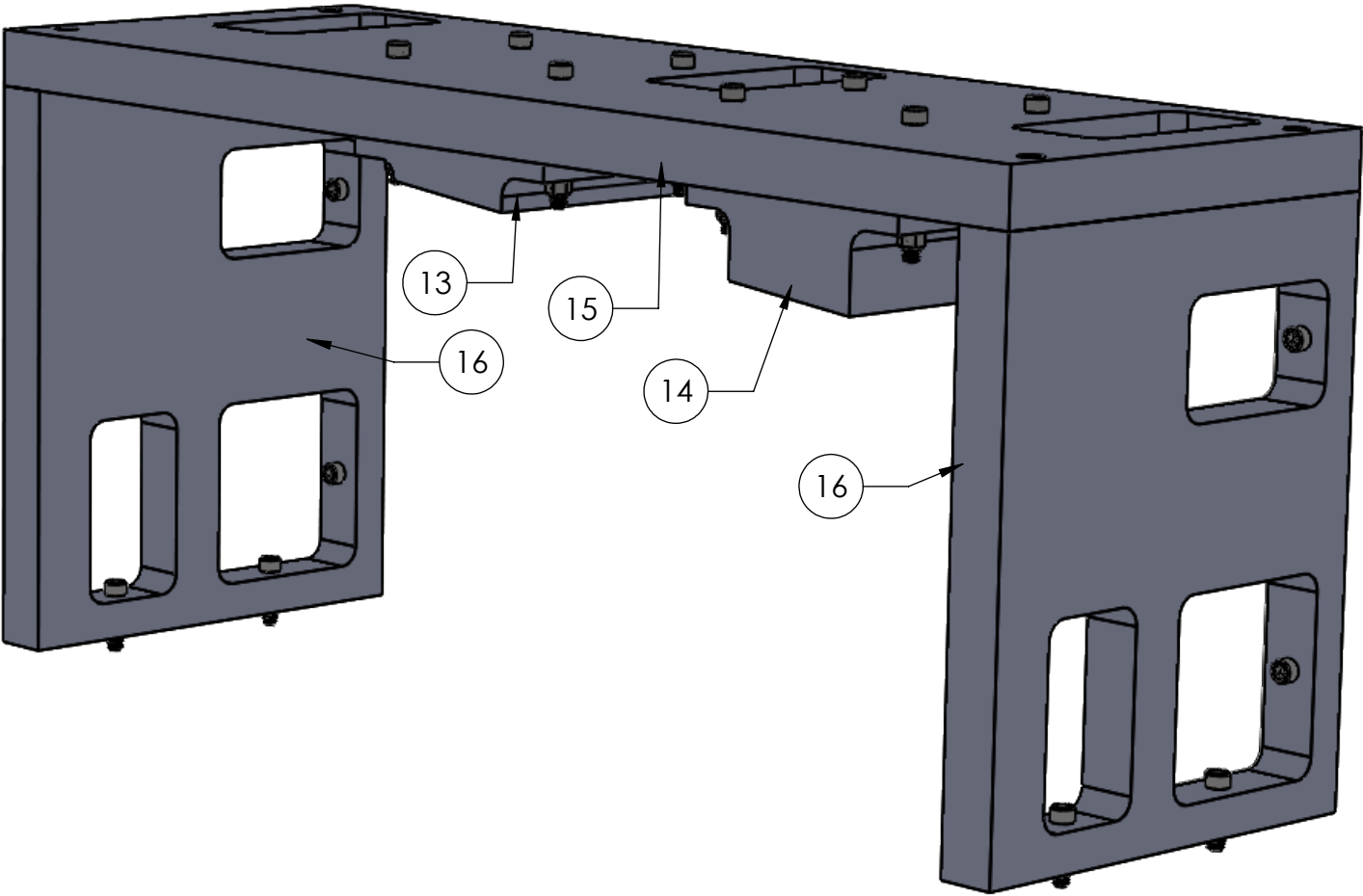
ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28					
CONTRACT No.		AW189 VIBRATION FIXTURES			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
		SCALE NONE		SHEET 20 OF 31	



607.2825 FLOAT BOTTLE SIDE (16)

ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
		SCALE NONE		SHEET	21 OF 31

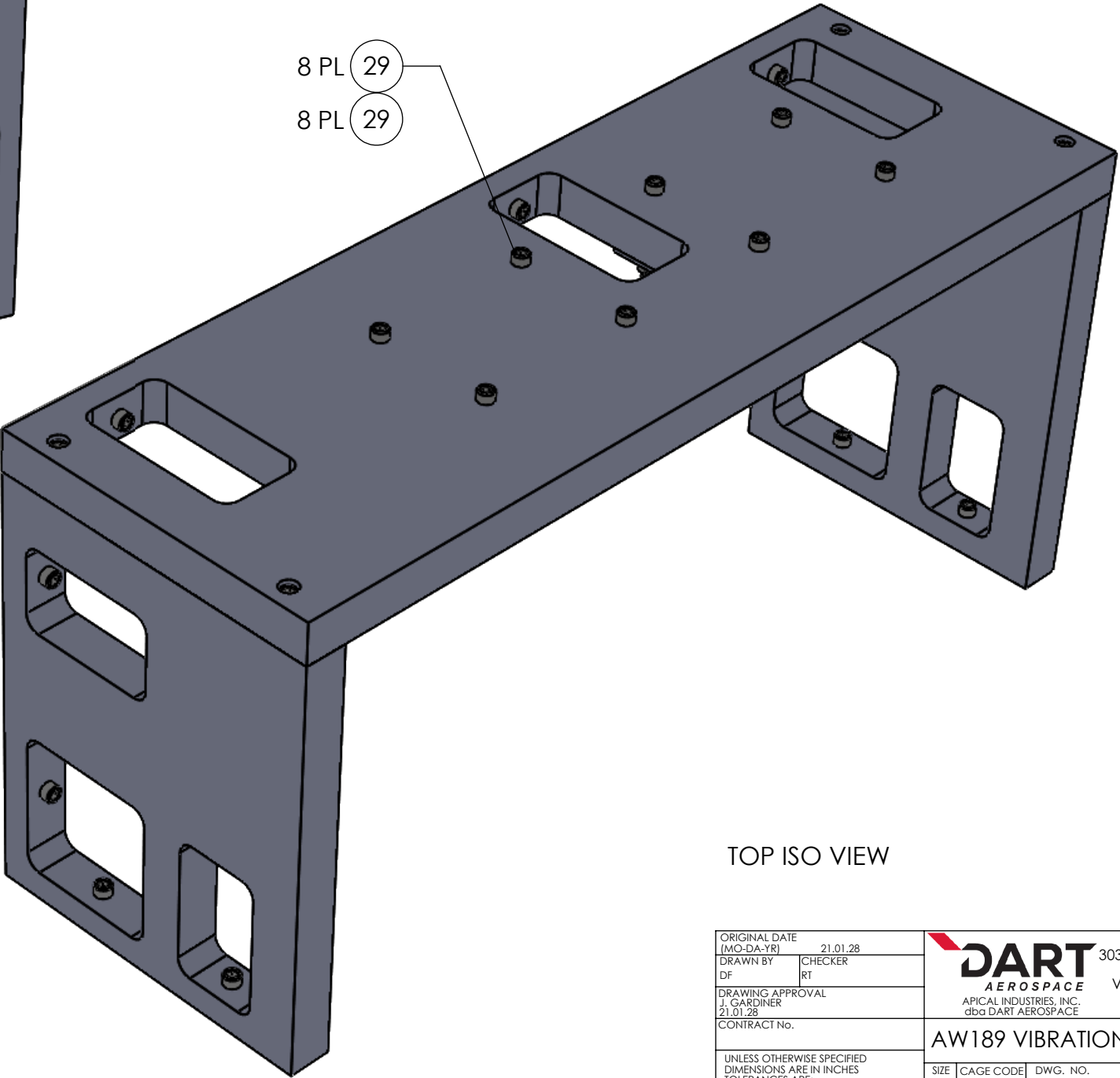
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ISO VIEW

607.2803 FLOAT BOTTLE VIBE FIXTURE

NOTE: ALL OTHER HARDWARE IS F/N 19 (15 PL)



TOP ISO VIEW

ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT NO.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE		SHEET 22 OF 31	

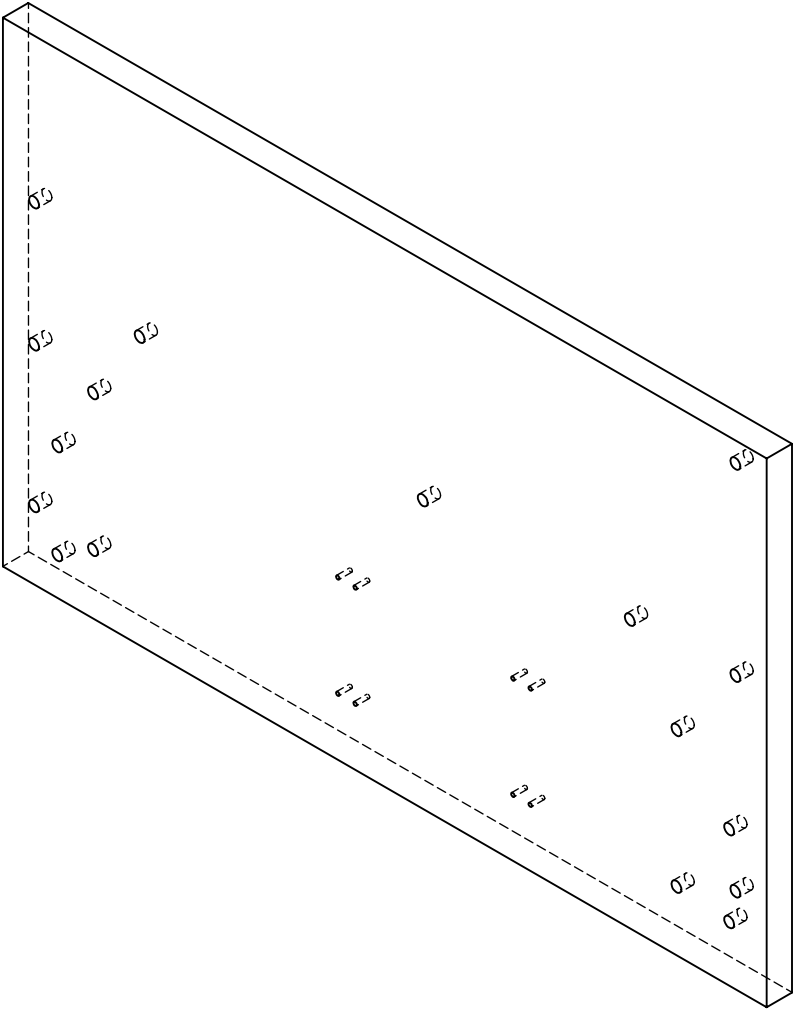
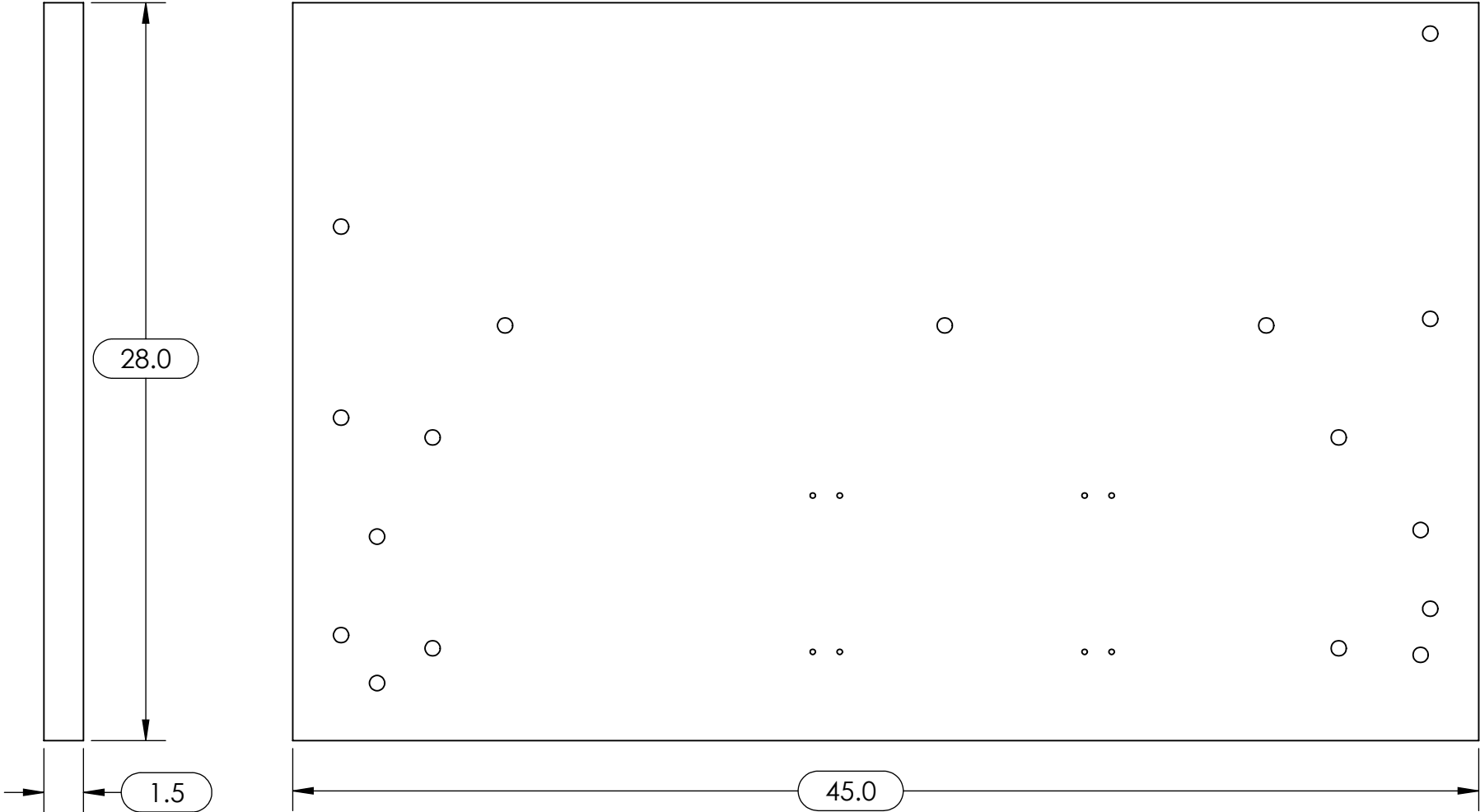
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A


B

C

D



607.2804 BOOKCASE ADAPTOR PLATE ASSY

ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 23 OF 31

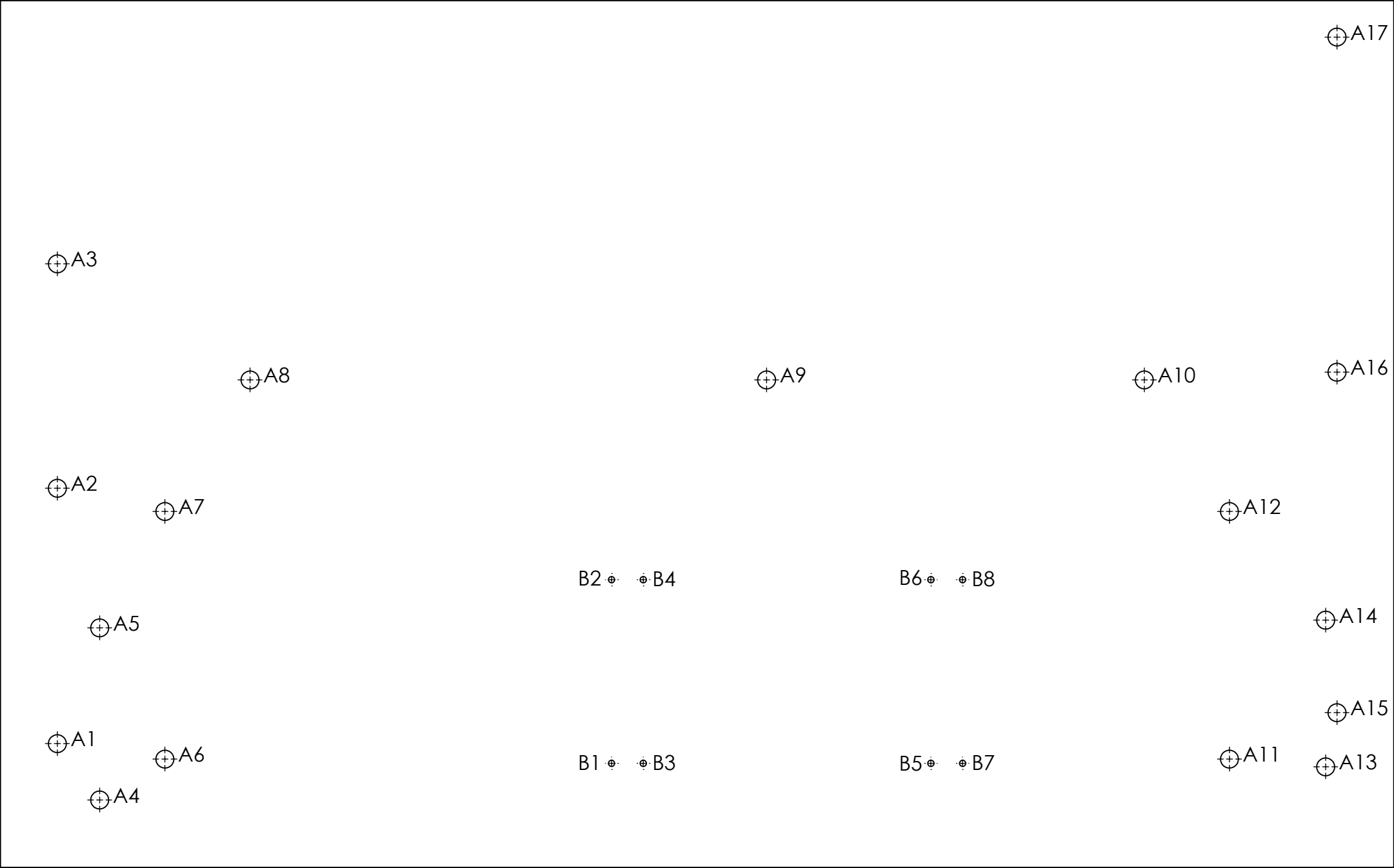
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TAG	X LOC	Y LOC	SIZE
A1	1.84	4.00	Ø .58 ▾ .75
A2	1.84	12.25	
A3	1.84	19.50	
A4	3.20	2.18	
A5	3.20	7.74	
A6	5.31	3.50	
A7	5.31	11.50	
A8	8.06	15.75	
A9	24.74	15.75	
A10	36.94	15.75	
A11	39.69	3.50	
A12	39.69	11.50	
A13	42.80	3.25	
A14	42.80	7.99	
A15	43.16	5.00	
A16	43.16	16.00	
A17	43.16	26.83	
B1	19.73	3.36	Ø .20 ▾ .75
B2	19.73	9.30	
B3	20.76	3.36	
B4	20.76	9.30	
B5	30.05	3.36	
B6	30.05	9.30	
B7	31.07	3.36	
B8	31.07	9.30	

HOLE TABLE 17

Y


X



HOLE TABLE NOTES

FOR ALL HOLES WITH AN A# TAG INSTALL A KEYED LOCKING INSERT PER 13

FOR ALL HOLES WITH AN B# TAG INSTALL A THREADED INSERT PER 14

ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28 CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
SCALE NONE			SHEET 24 OF 31		

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A

B

C

D

5

5

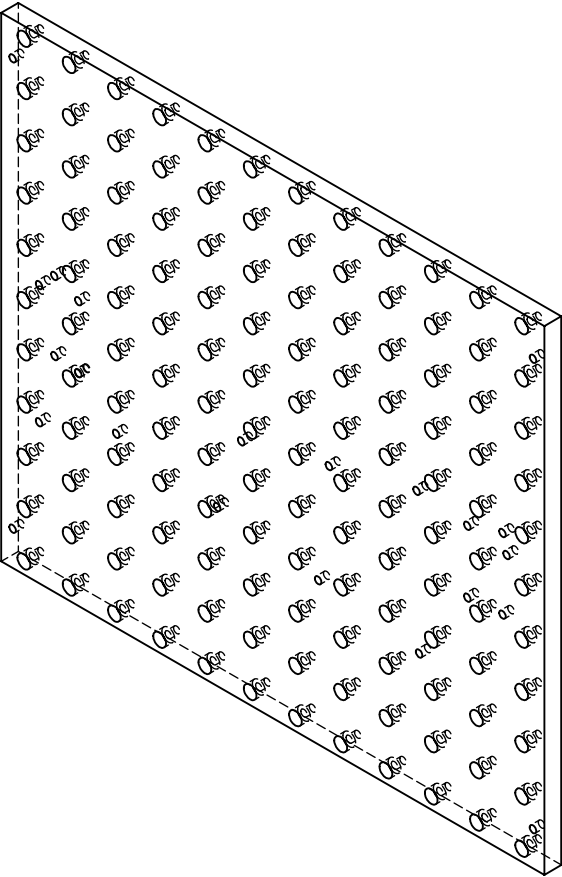
5

5


42.0

1.5

48.0



607.2805 BASE PLATE ASSY

ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28					
CONTRACT No.		AW189 VIBRATION FIXTURES			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
SCALE NONE			SHEET 25 OF 31		


D

$\varnothing .58 \nabla .75$

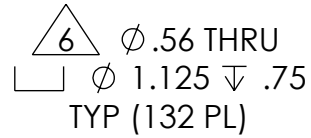


18


FOR ALL HOLES INSTALL A KEYED THREADED INSERT PER $\Delta 13$

ORIGINAL DATE (MO-DA-YR) 21.01.28				3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT	APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWING APPROVAL J. GARDNER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
		SCALE NONE		SHEET 26 OF 31	

D

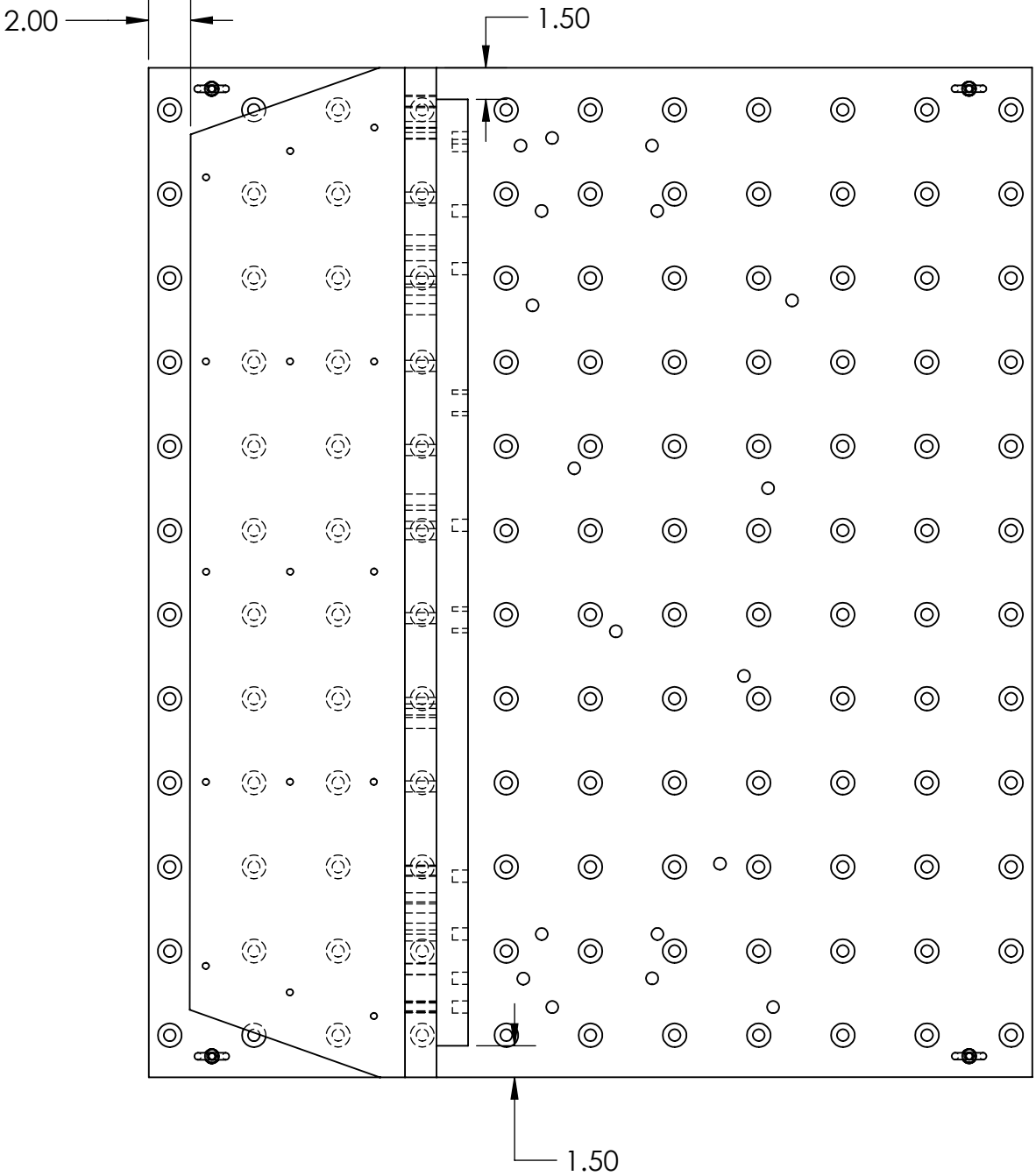


607.2828 BASE PLATE
ONLY MODIFIED GRID SHOWN

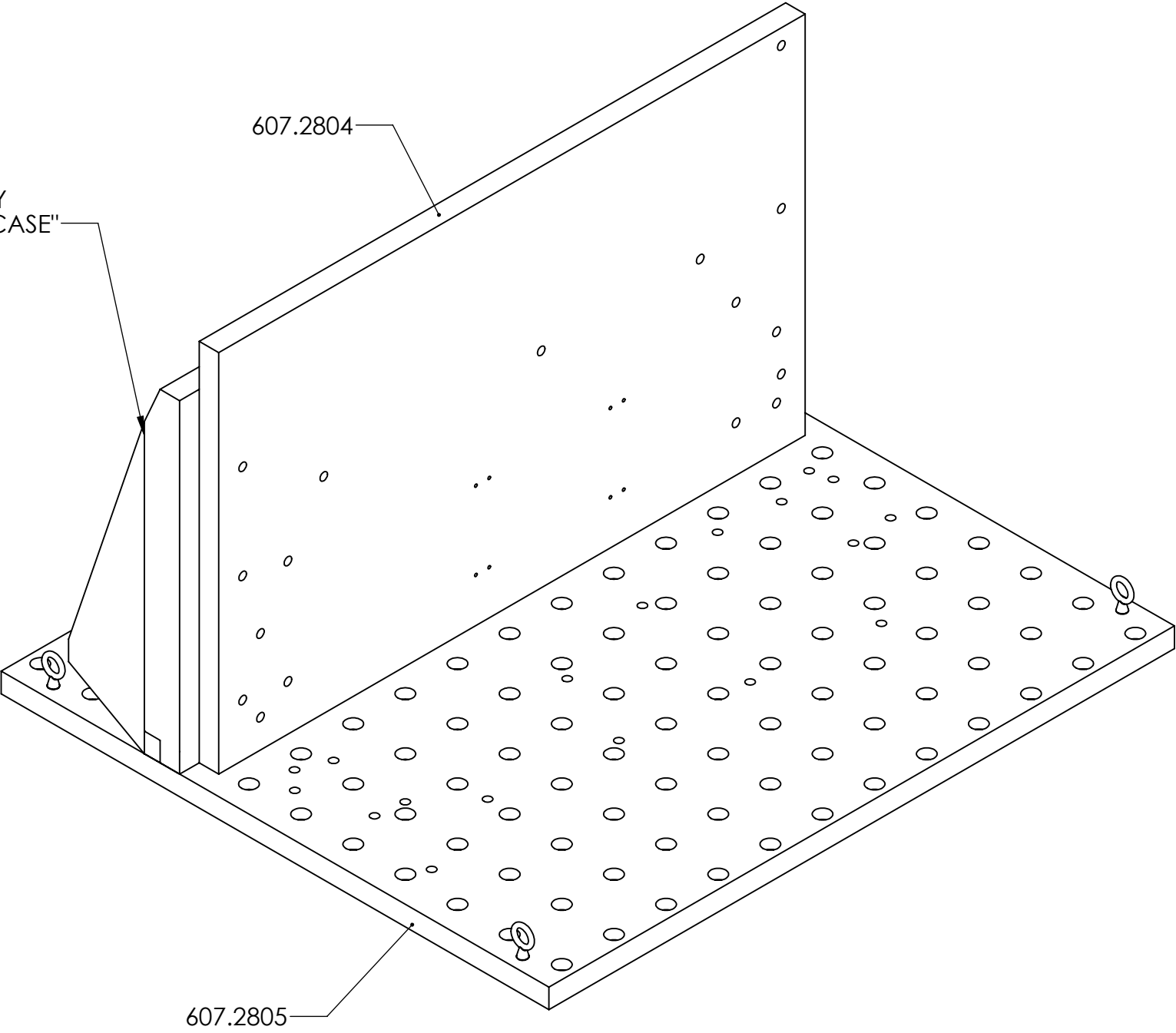
ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 27 OF 31


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LOCATING THE BOOKCASE AND ADAPTOR PLATE ASSY ON THE BASE PLATE ASSY
(STANDARD VIBE TEST SET-UP)(REF ONLY)



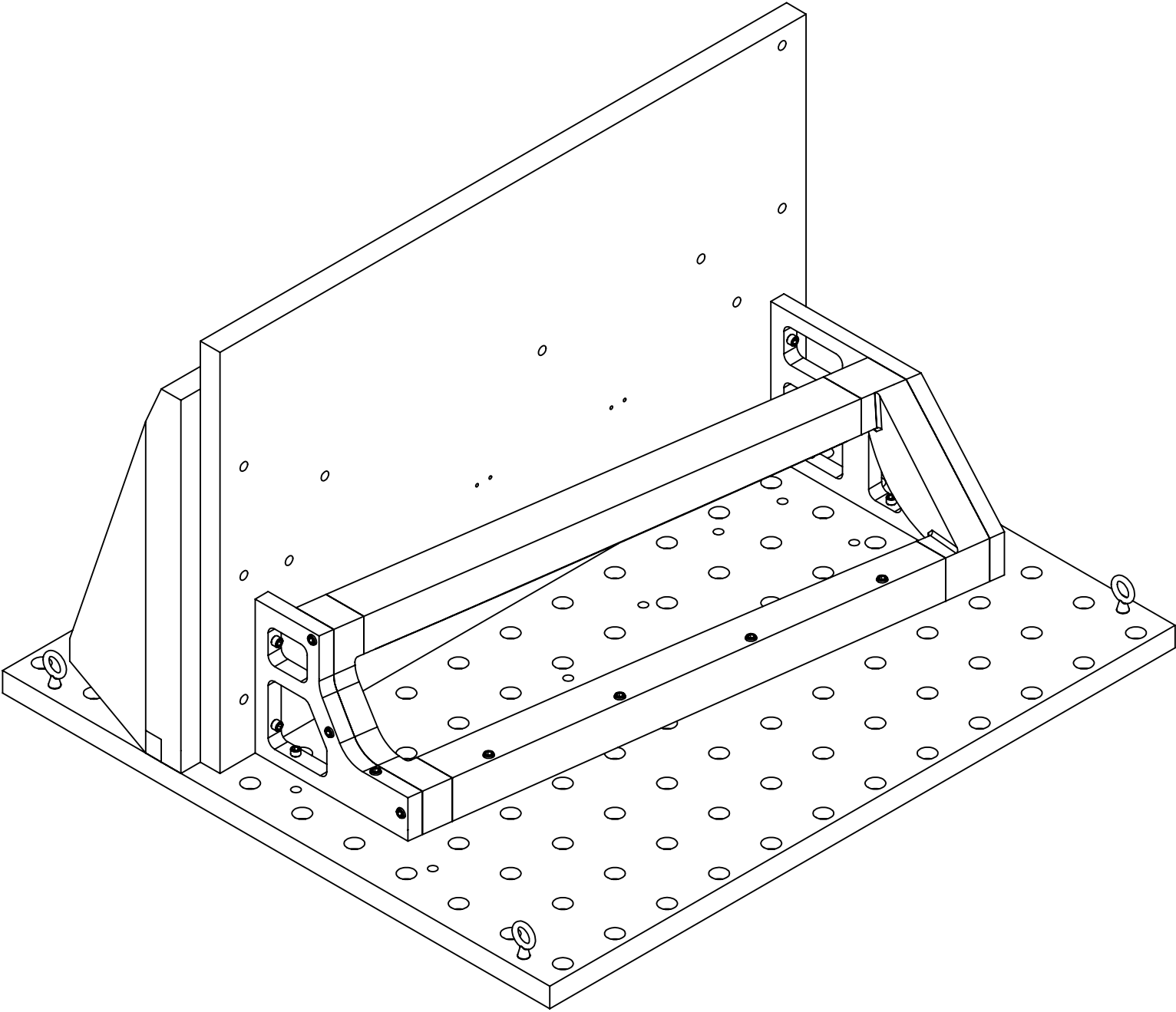
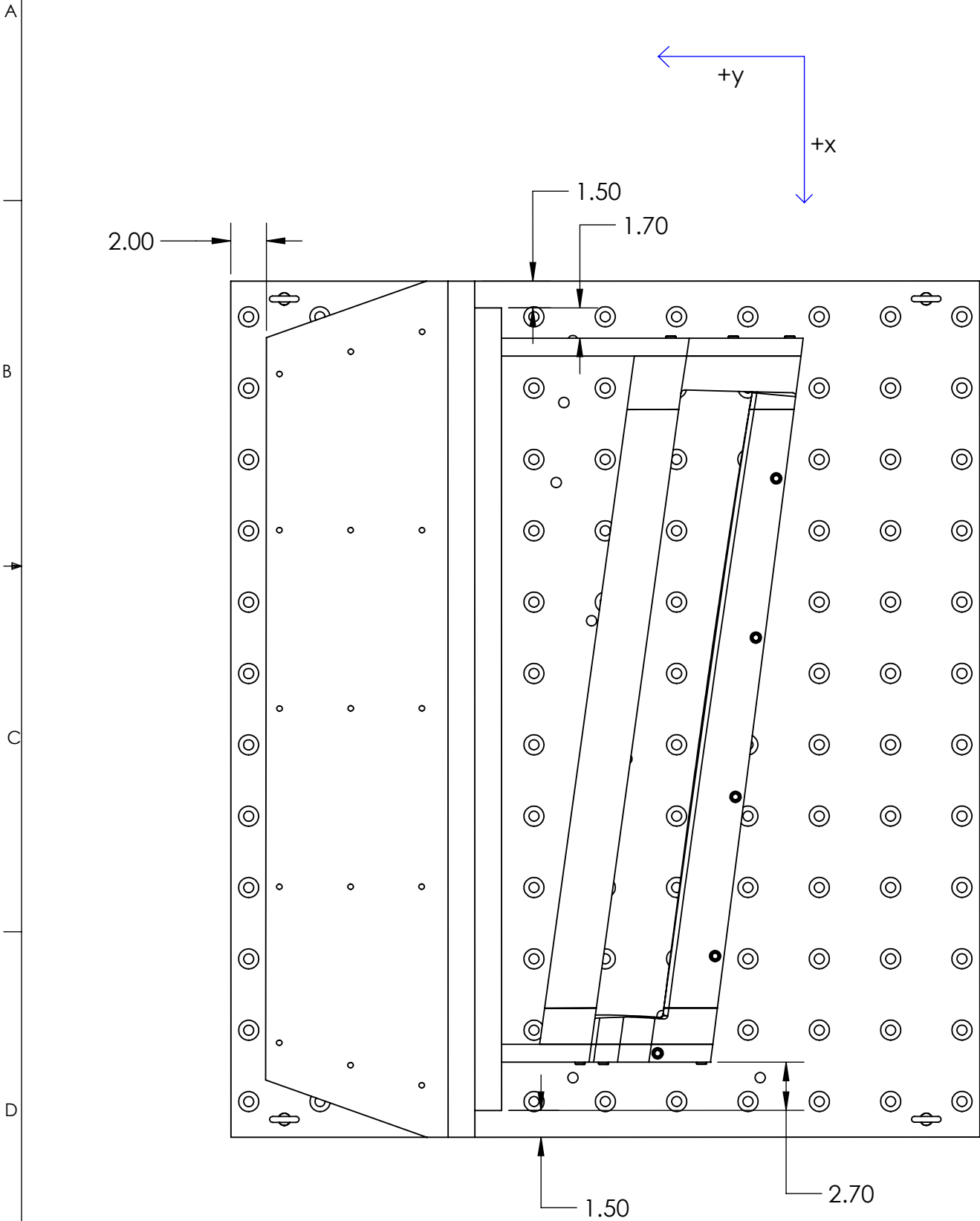
FOR REF ONLY
DART "BOOKCASE"




ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES	
CONTRACT No.		SIZE B	REV. PR2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 28 OF 31

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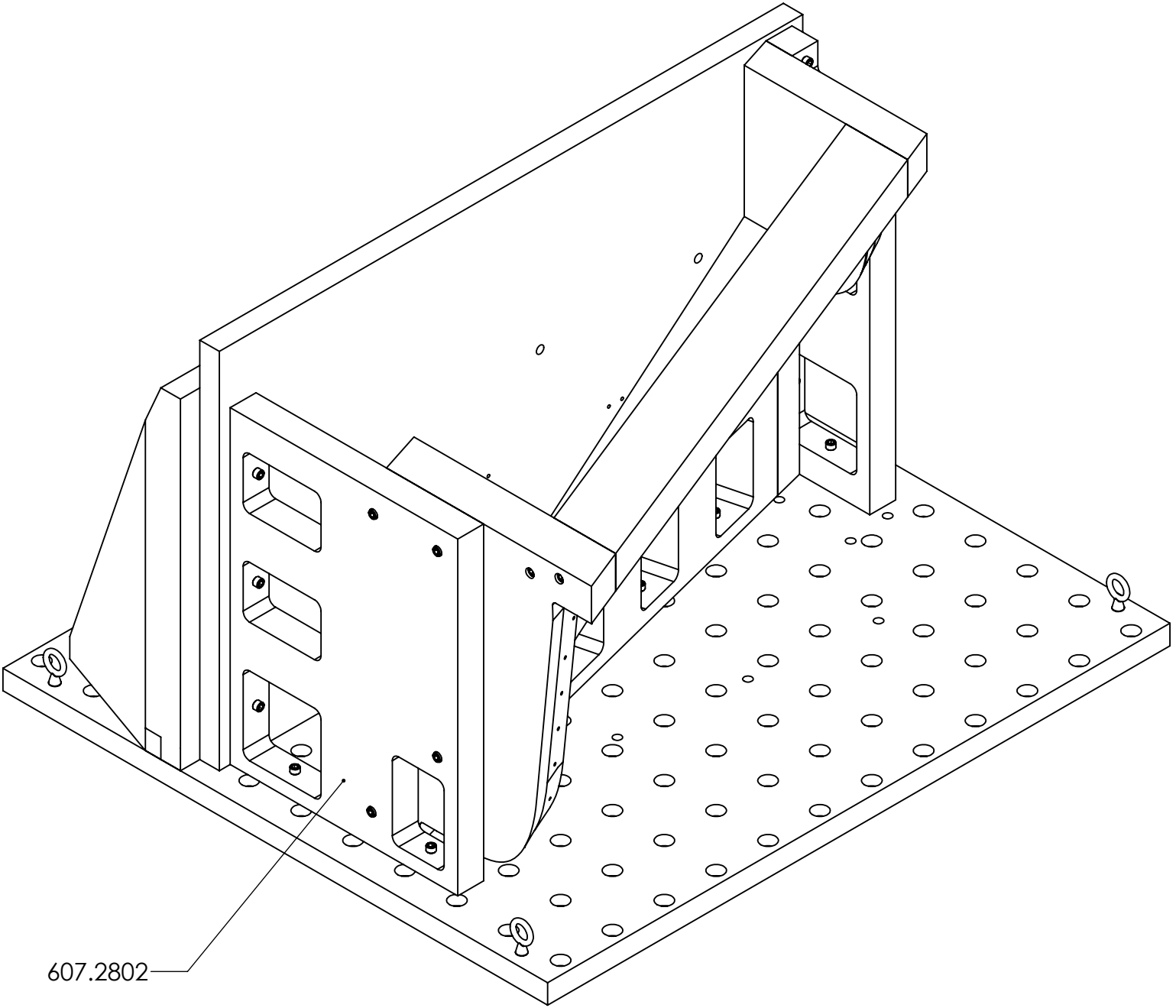
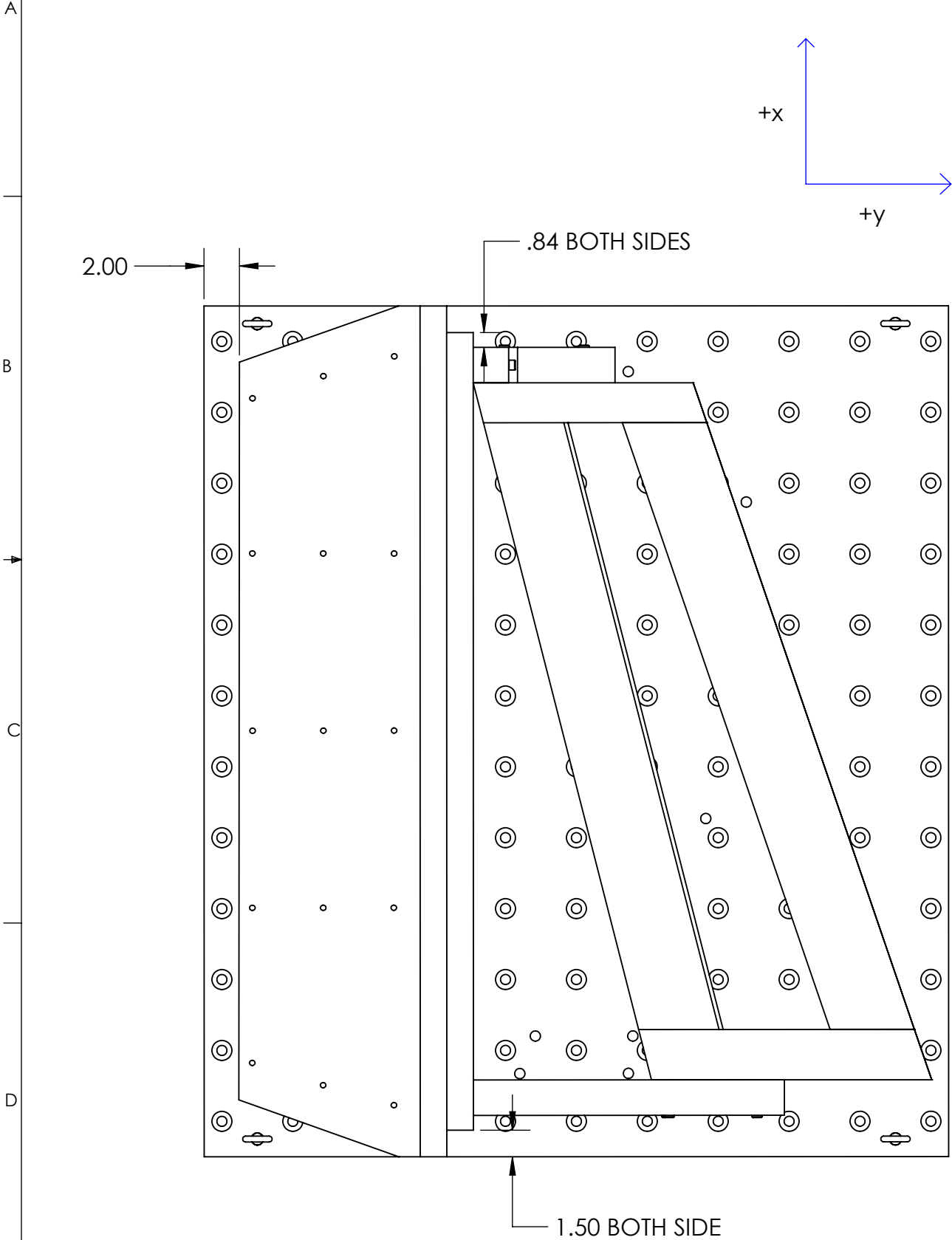
LOCATING THE 607.2801 ON THE VIBE TESING SET-UP (REF ONLY)




ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT No.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 607.2800	REV. PR2
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE		SHEET 29 OF 31	

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LOCATING THE 607.2802 ON THE VIBE TESING SET-UP (REF ONLY)

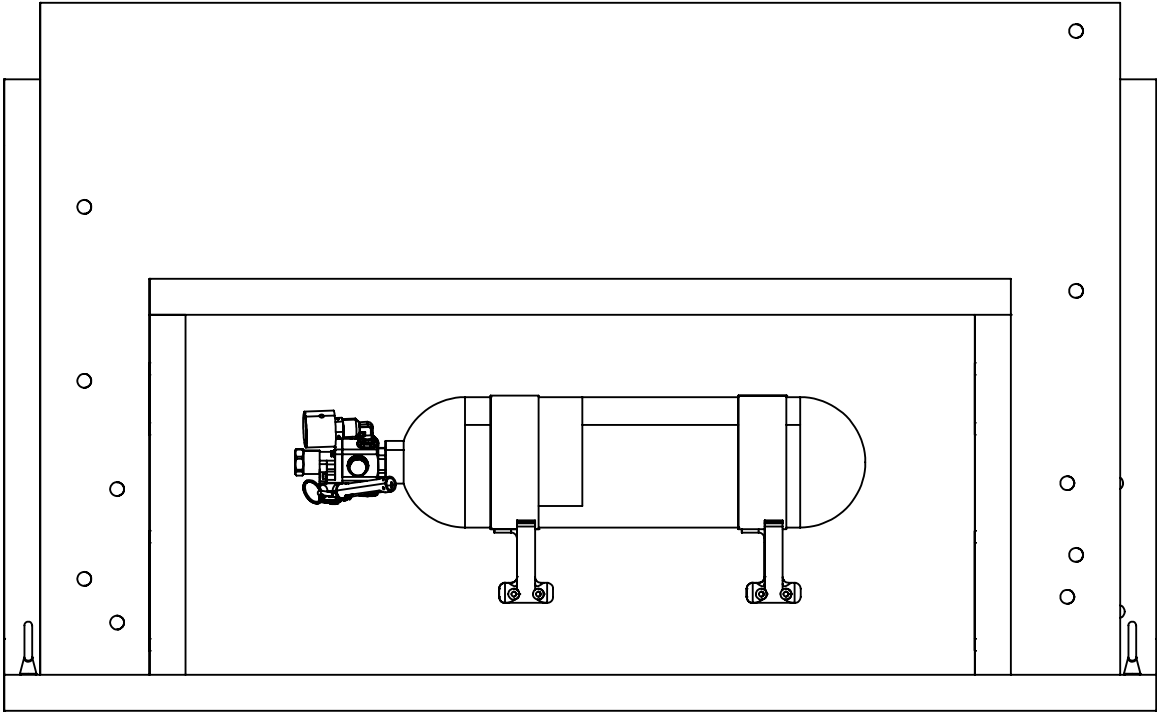
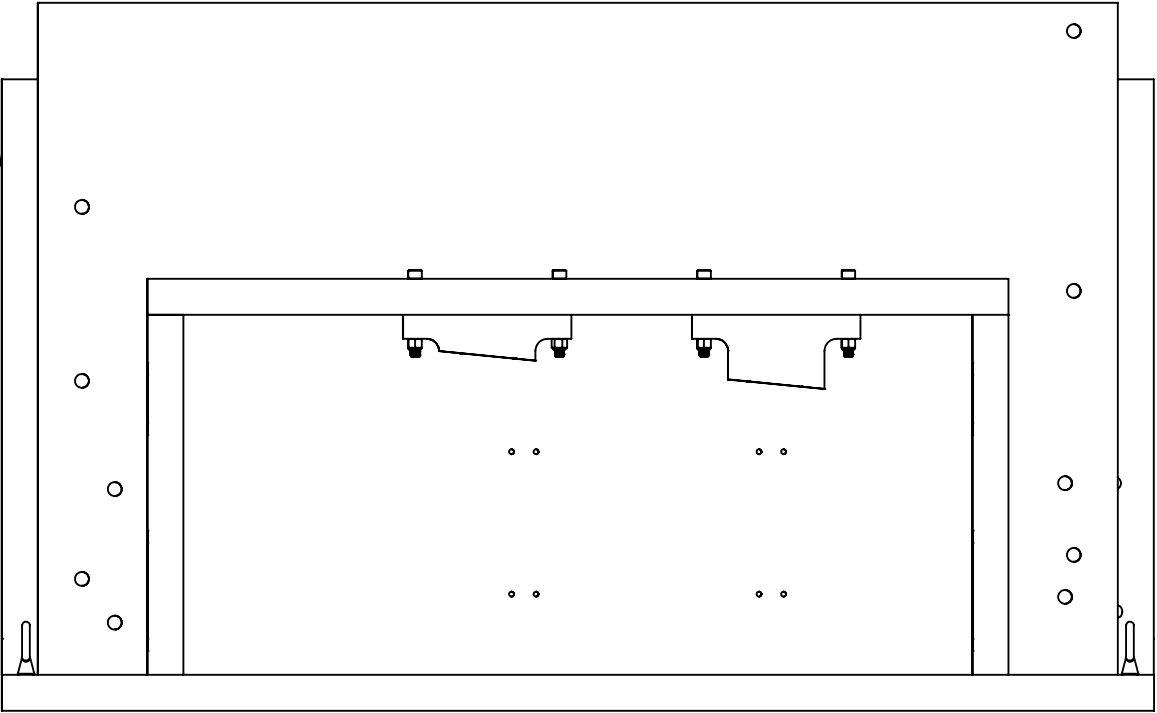
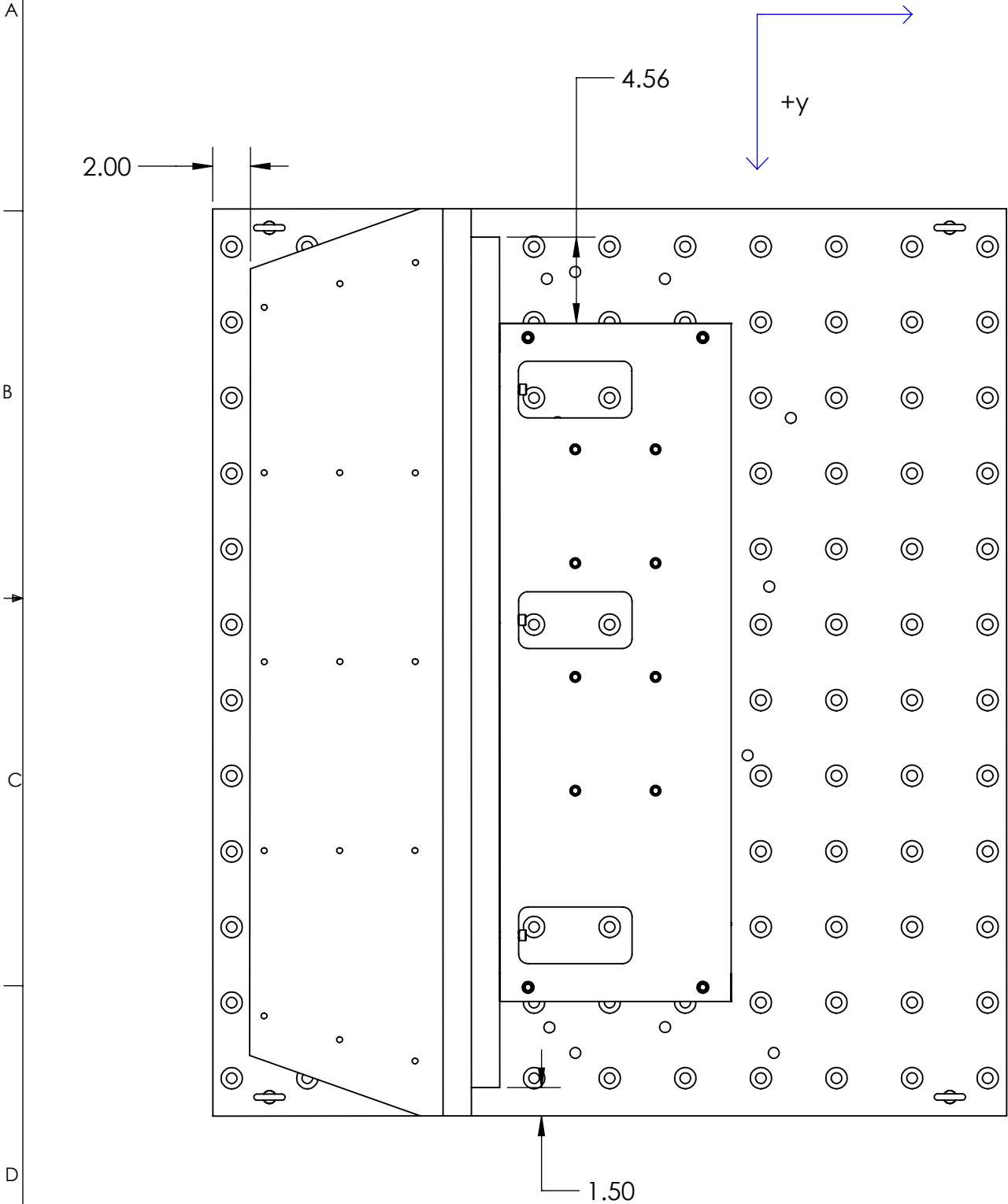



ORIGINAL DATE (MO-DA-YR) 21.01.28		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT				
DRAWING APPROVAL J. GARDINER 21.01.28		AW189 VIBRATION FIXTURES			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	607.2800	PR2
		SCALE NONE		SHEET	30 OF 31

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**LOCATING THE 607.2803 ON THE VIBE TESING SET-UP
(USED FOR LIFERAFT AND FLOAT BOTTLE TESTING)
(REMOVE "STANDS" FOR LIFERAFT BOTTLE) (REF ONLY)**

FOR REF ONLY
DART "BOOKCASE"



ORIGINAL DATE (MO-DA-YR) 21.01.28		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY DF	CHECKER RT		
DRAWING APPROVAL J. GARDINER 21.01.28		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		AW189 VIBRATION FIXTURES	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	REV. PR2
		CAGE CODE 07MZ6	DWG. NO. 607.2800
		SCALE NONE	SHEET 31 OF 31